

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061521\
 Data File : VY005145.D
 Acq On : 15 Jun 2021 12:35
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 12:55:34 PM

Quant Time: Jun 16 04:16:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:12:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	216713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	338851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	310150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	282226	134.689	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 269.380%#			
35) Dibromofluoromethane	7.728	113	201277	118.288	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 236.580%#			
50) Toluene-d8	10.185	98	981161	135.914	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 271.820%#			
62) 4-Bromofluorobenzene	12.483	95	332706	137.035	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 274.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	301360	125.867	ug/l	100
3) Chloromethane	2.119	50	323016	130.837	ug/l	97
4) Vinyl Chloride	2.259	62	317447	133.936	ug/l	98
5) Bromomethane	2.637	94	179451	132.665	ug/l	99
6) Chloroethane	2.790	64	186407	138.364	ug/l	99
7) Trichlorofluoromethane	3.125	101	526404	132.872	ug/l	98
8) Diethyl Ether	3.533	74	171315	133.000	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	289433	134.946	ug/l	99
10) Methyl Iodide	4.100	142	345579	143.355	ug/l	99
11) Tert butyl alcohol	4.984	59	133371	632.153	ug/l	99
12) 1,1-Dichloroethene	3.875	96	289579	137.812	ug/l	98
13) Acrolein	3.741	56	124002	607.796	ug/l	97
14) Allyl chloride	4.491	41	405924	138.622	ug/l	99
15) Acrylonitrile	5.180	53	391362	677.066	ug/l	100
16) Acetone	3.960	43	277409	650.900	ug/l	98
17) Carbon Disulfide	4.204	76	804152	128.458	ug/l	100
18) Methyl Acetate	4.485	43	165456	132.271	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	816784	142.177	ug/l	100
20) Methylene Chloride	4.728	84	312805	107.393	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	313633	138.481	ug/l	91
22) Diisopropyl ether	6.131	45	819963	138.357	ug/l	93
23) Vinyl Acetate	6.070	43	2675761	684.460	ug/l	98
24) 1,1-Dichloroethane	6.033	63	511520	137.135	ug/l	99
25) 2-Butanone	7.002	43	441804	681.421	ug/l	100
26) 2,2-Dichloropropane	6.990	77	494702	138.694	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	349169	142.141	ug/l	97
28) Bromochloromethane	7.344	49	175389	125.300	ug/l	99
29) Tetrahydrofuran	7.356	42	298616	678.092	ug/l	98
30) Chloroform	7.514	83	555837	139.613	ug/l	97
31) Cyclohexane	7.789	56	477533	133.979	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	534562	139.283	ug/l	100
36) 1,1-Dichloropropene	7.923	75	432586	139.408	ug/l	99
37) Ethyl Acetate	7.088	43	212610	134.457	ug/l	99
38) Carbon Tetrachloride	7.911	117	485383	147.332	ug/l	98
39) Methylcyclohexane	9.191	83	554637	144.204	ug/l	99
40) Benzene	8.167	78	1231560	139.340	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061521\
 Data File : VY005145.D
 Acq On : 15 Jun 2021 12:35
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 12:55:34 PM

Quant Time: Jun 16 04:16:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:12:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	109968m	122.434	ug/l	
42) 1,2-Dichloroethane	8.246	62	377615	137.037	ug/l	100
43) Isopropyl Acetate	8.283	43	403308	139.192	ug/l	99
44) Trichloroethene	8.947	130	361536	139.332	ug/l	100
45) 1,2-Dichloropropane	9.221	63	280546	138.677	ug/l	96
46) Dibromomethane	9.313	93	174045	138.005	ug/l	98
47) Bromodichloromethane	9.502	83	425625	140.136	ug/l	99
48) Methyl methacrylate	9.301	41	182242	140.479	ug/l	99
49) 1,4-Dioxane	9.307	88	46564	2858.869	ug/l #	88
51) 4-Methyl-2-Pentanone	10.075	43	1015307	685.231	ug/l	98
52) Toluene	10.246	92	795224	141.386	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	459984	141.587	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	505405	140.543	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	242724	138.556	ug/l	98
56) Ethyl methacrylate	10.514	69	346650	146.466	ug/l	100
57) 1,3-Dichloropropane	10.794	76	416207	140.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	731842	703.743	ug/l	99
59) 2-Hexanone	10.837	43	714571	697.350	ug/l	98
60) Dibromochloromethane	10.989	129	313861	144.216	ug/l	98
61) 1,2-Dibromoethane	11.093	107	236979	138.546	ug/l	100
64) Tetrachloroethene	10.721	164	382406	138.186	ug/l	99
65) Chlorobenzene	11.520	112	857411	140.120	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	318653	140.434	ug/l	99
67) Ethyl Benzene	11.593	91	1548378	143.107	ug/l	99
68) m/p-Xylenes	11.703	106	1203719	283.002	ug/l	99
69) o-Xylene	12.032	106	577813	144.441	ug/l	99
70) Styrene	12.050	104	969569	143.233	ug/l	100
71) Bromoform	12.215	173	194675	140.049	ug/l #	100
73) Isopropylbenzene	12.331	105	1511086	145.792	ug/l	99
74) N-amyl acetate	12.148	43	349060	144.810	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	249941	138.863	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	192244m	167.877	ug/l	
77) Bromobenzene	12.611	156	353116	143.199	ug/l	99
78) n-propylbenzene	12.672	91	1794329	144.832	ug/l	100
79) 2-Chlorotoluene	12.757	91	1002688	144.762	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1277429	144.315	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	98372	138.294	ug/l	97
82) 4-Chlorotoluene	12.855	91	1020093	142.459	ug/l	99
83) tert-Butylbenzene	13.081	119	1123700	145.059	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	1254980	143.512	ug/l	99
85) sec-Butylbenzene	13.257	105	1596792	143.100	ug/l	99
86) p-Isopropyltoluene	13.373	119	1377454	143.867	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	679328	141.112	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	673159	139.863	ug/l	100
89) n-Butylbenzene	13.696	91	1231791	141.348	ug/l	100
90) Hexachloroethane	13.965	117	223611	143.288	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	604990	139.733	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	48590	135.510	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	401969	144.664	ug/l	100
94) Hexachlorobutadiene	15.117	225	222269	138.427	ug/l	99
95) Naphthalene	15.239	128	867581	148.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	356171	143.100	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061521\
Data File : VY005145.D
Acq On : 15 Jun 2021 12:35
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
6/16/2021 12:55:34 PM

Quant Time: Jun 16 04:16:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 16 04:12:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

MMDadoda
6/16/2021 12:55:34 PM

Abundance

TIC: VY005145.D\data.ms

Time-->

Chlorodifluoromethane, T
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
Methyl Carbon Disulfide, T
Methyl Acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acetonitrile, T
Methyl 1,2-Dichloroethane, T
1,1-Dichloroethane, P
Isopropyl ether, T
Vinyl Acetate, T
Ethyl Acetate, T
Methacrylonitrile, T
Chloroform, C
Dibromodichloromethane, T
1,2-Dichloroethane, TM
Isobutyl acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
Dichlorodifluoroethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene, CM
Tetrachloroethene, T
Hexanone, T
Dibromochloromethane, T
1,2-Dibromoethane, I
Chlorobenzene, PM
Chlorobenzene, I
Bromotorm, P N-amyl acetate, T
trans-1,4-Dichloro-2-butene, T
Propylfluorobenzene, S
Bromobenzene, T
1,2-Dichloropropane, T
1,1,2-Trichloroethane, I
1,2-Dichloropropane, 1,2-Hexanone, T
1,2-Dibromochloromethane, T
Chlorobenzene, I
Styrene, T
o-Xylene, T
Isopropylbenzene, T
n-propylbenzene, T
1,3,5-trimethylbenzene, T
2-Chlorotoluene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,2,4-Trimethylbenzene, T
1,4-Dichlorobenzene, I
1,2-Dichlorobenzene, I
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, I
Naphthalene, I
1,2,3-Trichlorobenzene, T