

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061521\
 Data File : VY005146.D
 Acq On : 15 Jun 2021 14:52
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061521

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 12:55:36 PM

Quant Time: Jun 16 04:52:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	238969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	372021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	327534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105062	45.470	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.940%		
35) Dibromofluoromethane	7.728	113	91934	56.263	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	112.520%		
50) Toluene-d8	10.185	98	378021	47.696	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.400%		
62) 4-Bromofluorobenzene	12.483	95	125401	47.045	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	114727	43.455	ug/l	98
3) Chloromethane	2.119	50	132198	48.560	ug/l	100
4) Vinyl Chloride	2.260	62	128533	49.179	ug/l	99
5) Bromomethane	2.656	94	72734	48.763	ug/l	99
6) Chloroethane	2.802	64	72265	48.644	ug/l	98
7) Trichlorofluoromethane	3.131	101	209995	48.069	ug/l	99
8) Diethyl Ether	3.540	74	69428	48.880	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	119516	50.534	ug/l	97
10) Methyl Iodide	4.101	142	139216	52.372	ug/l	95
11) Tert butyl alcohol	4.979	59	48767	229.879	ug/l	100
12) 1,1-Dichloroethene	3.881	96	118576	51.175	ug/l	97
13) Acrolein	3.741	56	52511	233.412	ug/l	98
14) Allyl chloride	4.491	41	172677	53.477	ug/l	96
15) Acrylonitrile	5.174	53	155034	243.233	ug/l	99
16) Acetone	3.960	43	109100	232.146	ug/l	95
17) Carbon Disulfide	4.204	76	359776	52.119	ug/l	100
18) Methyl Acetate	4.485	43	66421	48.154	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	313792	49.535	ug/l	99
20) Methylene Chloride	4.729	84	151969	60.402	ug/l	88
21) trans-1,2-Dichloroethene	5.229	96	127026	50.863	ug/l	88
22) Diisopropyl ether	6.125	45	345045	52.799	ug/l	94
23) Vinyl Acetate	6.070	43	1116644	259.035	ug/l	97
24) 1,1-Dichloroethane	6.027	63	212663	51.704	ug/l	97
25) 2-Butanone	7.003	43	170009	237.794	ug/l	99
26) 2,2-Dichloropropane	6.990	77	202127	51.391	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	138637	51.181	ug/l	99
28) Bromochloromethane	7.338	49	75780	49.096	ug/l	95
29) Tetrahydrofuran	7.356	42	120099	247.319	ug/l	98
30) Chloroform	7.515	83	215925	49.184	ug/l	99
31) Cyclohexane	7.789	56	199699	50.810	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	205419	48.538	ug/l	100
36) 1,1-Dichloropropene	7.923	75	173677	50.980	ug/l	99
37) Ethyl Acetate	7.082	43	83825	48.285	ug/l	100
38) Carbon Tetrachloride	7.905	117	177681	49.124	ug/l	99
39) Methylcyclohexane	9.191	83	220372	52.187	ug/l	99
40) Benzene	8.167	78	492589	50.763	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061521\
 Data File : VY005146.D
 Acq On : 15 Jun 2021 14:52
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061521

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 12:55:36 PM

Quant Time: Jun 16 04:52:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	45194m	47.111	ug/l	
42) 1,2-Dichloroethane	8.246	62	142052	46.955	ug/l	98
43) Isopropyl Acetate	8.277	43	155051	48.741	ug/l	99
44) Trichloroethene	8.947	130	142000	49.846	ug/l	99
45) 1,2-Dichloropropane	9.222	63	112952	50.855	ug/l	98
46) Dibromomethane	9.313	93	66444	47.988	ug/l	99
47) Bromodichloromethane	9.502	83	161426	48.410	ug/l	98
48) Methyl methacrylate	9.295	41	68970	48.424	ug/l	97
49) 1,4-Dioxane	9.307	88	15352	858.520	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	395681	243.235	ug/l	100
52) Toluene	10.246	92	306383	49.616	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	173944	48.768	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	194952	49.379	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	93335	48.529	ug/l	98
56) Ethyl methacrylate	10.514	69	130227	50.117	ug/l	98
57) 1,3-Dichloropropane	10.795	76	159337	49.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	286201	250.674	ug/l	99
59) 2-Hexanone	10.837	43	272057	241.828	ug/l	98
60) Dibromochloromethane	10.990	129	113387	47.455	ug/l	100
61) 1,2-Dibromoethane	11.093	107	89336	47.572	ug/l	98
64) Tetrachloroethene	10.721	164	146146	50.008	ug/l	94
65) Chlorobenzene	11.520	112	326030	50.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	117850	49.181	ug/l	99
67) Ethyl Benzene	11.599	91	590943	51.718	ug/l	100
68) m/p-Xylenes	11.709	106	455386	101.382	ug/l	99
69) o-Xylene	12.032	106	216736	51.304	ug/l	99
70) Styrene	12.050	104	362188	50.666	ug/l	99
71) Bromoform	12.209	173	70517	48.037	ug/l #	100
73) Isopropylbenzene	12.331	105	575732	53.164	ug/l	100
74) N-amyl acetate	12.148	43	132816	52.736	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	95858	50.972	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	73402m	52.940	ug/l	
77) Bromobenzene	12.611	156	131579	51.070	ug/l	98
78) n-propylbenzene	12.672	91	685857	52.985	ug/l	100
79) 2-Chlorotoluene	12.758	91	381298	52.688	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	487210	52.680	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	36378	48.947	ug/l #	71
82) 4-Chlorotoluene	12.861	91	390985	52.260	ug/l	100
83) tert-Butylbenzene	13.081	119	425366	52.555	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	476654	52.168	ug/l	99
85) sec-Butylbenzene	13.258	105	618195	53.024	ug/l	99
86) p-Isopropyltoluene	13.373	119	528005	52.781	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	257804	51.254	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	253939	50.497	ug/l	99
89) n-Butylbenzene	13.696	91	481125	52.840	ug/l	100
90) Hexachloroethane	13.965	117	81701	50.107	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	226122	49.986	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17535	46.804	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	148317	51.087	ug/l	99
94) Hexachlorobutadiene	15.117	225	86007	51.266	ug/l	99
95) Naphthalene	15.239	128	305750	50.027	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	130506	50.184	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061521\
Data File : VY005146.D
Acq On : 15 Jun 2021 14:52
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061521

Manual Integrations
APPROVED

MMDadoda
6/16/2021 12:55:36 PM

Quant Time: Jun 16 04:52:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 16 04:40:35 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061521\
 Data File : VY005146.D
 Acq On : 15 Jun 2021 14:52
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 Client Sample Id :
 ICVVY061521

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 12:55:36 PM

Quant Time: Jun 16 04:52:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

