

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072221\
 Data File : VY005410.D
 Acq On : 22 Jul 2021 11:41
 Operator : SY/MD
 Sample : VSTDIC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:47:50 PM

Quant Time: Jul 23 05:48:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 05:45:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	295510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	436171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	400567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	208631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	154177	48.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.680%
35) Dibromofluoromethane	7.728	113	125473	49.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.640%
50) Toluene-d8	10.185	98	541101	50.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.483	95	174422	49.510	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	126660	47.346	ug/l	99
3) Chloromethane	2.119	50	161073	49.117	ug/l	100
4) Vinyl Chloride	2.260	62	195100	49.961	ug/l	100
5) Bromomethane	2.656	94	127305	44.609	ug/l	96
6) Chloroethane	2.802	64	122361	49.878	ug/l	98
7) Trichlorofluoromethane	3.131	101	237083	46.427	ug/l	96
8) Diethyl Ether	3.540	74	79697	44.333	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	126763	45.674	ug/l	99
10) Methyl Iodide	4.101	142	164570	52.248	ug/l	98
11) Tert butyl alcohol	4.972	59	63433	212.695	ug/l #	86
12) 1,1-Dichloroethene	3.881	96	131975	46.712	ug/l	98
13) Acrolein	3.741	56	53667	196.511	ug/l	97
14) Allyl chloride	4.491	41	233175	46.118	ug/l	99
15) Acrylonitrile	5.180	53	192438	215.558	ug/l	100
16) Acetone	3.960	43	160592	222.743	ug/l	98
17) Carbon Disulfide	4.204	76	427615	45.771	ug/l	99
18) Methyl Acetate	4.491	43	85488	42.184	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	384335	45.084	ug/l	97
20) Methylene Chloride	4.729	84	155823	37.302	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	148162	46.679	ug/l	98
22) Diisopropyl ether	6.131	45	468248	47.716	ug/l	97
23) Vinyl Acetate	6.070	43	1515876	234.846	ug/l	100
24) 1,1-Dichloroethane	6.027	63	262463	48.522	ug/l	99
25) 2-Butanone	7.003	43	245953	227.801	ug/l	99
26) 2,2-Dichloropropane	6.990	77	241639	49.127	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	163767	48.232	ug/l	98
28) Bromochloromethane	7.344	49	93429	42.906	ug/l	98
29) Tetrahydrofuran	7.362	42	163576	228.780	ug/l	100
30) Chloroform	7.515	83	266457	49.793	ug/l	99
31) Cyclohexane	7.789	56	257756	47.816	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	248691	50.196	ug/l	100
36) 1,1-Dichloropropene	7.923	75	212927	50.488	ug/l	99
37) Ethyl Acetate	7.088	43	113463	44.197	ug/l	99
38) Carbon Tetrachloride	7.905	117	228560	49.595	ug/l	99
39) Methylcyclohexane	9.185	83	270136	49.952	ug/l	99
40) Benzene	8.167	78	604089	49.844	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072221\
 Data File : VY005410.D
 Acq On : 22 Jul 2021 11:41
 Operator : SY/MD
 Sample : VSTDIC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:47:50 PM

Quant Time: Jul 23 05:48:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 05:45:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	60302m	35.166	ug/l	
42) 1,2-Dichloroethane	8.246	62	188380	48.049	ug/l	100
43) Isopropyl Acetate	8.283	43	218340	46.965	ug/l	99
44) Trichloroethene	8.947	130	163353	49.699	ug/l	100
45) 1,2-Dichloropropane	9.222	63	145970	48.915	ug/l	99
46) Dibromomethane	9.313	93	79259	48.255	ug/l	98
47) Bromodichloromethane	9.502	83	204437	49.517	ug/l	99
48) Methyl methacrylate	9.301	41	100858	46.650	ug/l	98
49) 1,4-Dioxane	9.307	88	23045	994.650	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	573147	232.223	ug/l	100
52) Toluene	10.246	92	386305	50.194	ug/l	100
53) t-1,3-Dichloropropene	10.472	75	226455	49.032	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	249220	49.089	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	113963	48.346	ug/l	98
56) Ethyl methacrylate	10.514	69	170126	47.797	ug/l	99
57) 1,3-Dichloropropane	10.795	76	204254	48.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	408990	240.264	ug/l	99
59) 2-Hexanone	10.837	43	403437	233.220	ug/l	100
60) Dibromochloromethane	10.990	129	142801	49.602	ug/l	99
61) 1,2-Dibromoethane	11.093	107	105909	47.465	ug/l	100
64) Tetrachloroethene	10.721	164	150547	49.750	ug/l	98
65) Chlorobenzene	11.520	112	408654	49.810	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	151551	49.459	ug/l	100
67) Ethyl Benzene	11.599	91	752202	50.363	ug/l	100
68) m/p-Xylenes	11.709	106	581640	100.292	ug/l	100
69) o-Xylene	12.032	106	276217	50.063	ug/l	100
70) Styrene	12.044	104	473327	50.523	ug/l	99
71) Bromoform	12.215	173	93458	47.722	ug/l	99
73) Isopropylbenzene	12.331	105	732232	50.895	ug/l	100
74) N-amyl acetate	12.148	43	209530	47.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	130182	47.392	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	98707m	64.105	ug/l	
77) Bromobenzene	12.611	156	175253	49.743	ug/l	99
78) n-propylbenzene	12.672	91	879369	50.661	ug/l	100
79) 2-Chlorotoluene	12.758	91	488892	50.143	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	613935	51.089	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	48698	46.061	ug/l	98
82) 4-Chlorotoluene	12.861	91	506632	50.205	ug/l	100
83) tert-Butylbenzene	13.081	119	542696	50.701	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	609269	50.549	ug/l	100
85) sec-Butylbenzene	13.258	105	785210	50.859	ug/l	100
86) p-Isopropyltoluene	13.373	119	680043	51.157	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	349663	50.604	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	342261	49.990	ug/l	100
89) n-Butylbenzene	13.697	91	626632	51.356	ug/l	100
90) Hexachloroethane	13.965	117	121904	51.016	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	304814	49.399	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24058	45.164	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	211466	49.671	ug/l	99
94) Hexachlorobutadiene	15.117	225	137666	51.021	ug/l	99
95) Naphthalene	15.239	128	408641	47.716	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	184784	48.153	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072221\
Data File : VY005410.D
Acq On : 22 Jul 2021 11:41
Operator : SY/MD
Sample : VSTDIC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:47:50 PM

Quant Time: Jul 23 05:48:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 05:45:30 2021
Response via : Initial Calibration

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

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

