

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074773.D
 Acq On : 07 Nov 2022 21:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 08 01:33:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	140785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	227797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	184216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56110	50.321	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.640%			
35) Dibromofluoromethane	7.805	113	68382	50.747	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.500%			
50) Toluene-d8	10.269	98	225634	45.904	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.800%			
62) 4-Bromofluorobenzene	12.575	95	69673	49.093	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.929	85	46879	40.543	ug/l	96
3) Chloromethane	2.146	50	85756	46.476	ug/l	95
4) Vinyl Chloride	2.276	62	97281	48.076	ug/l	99
5) Bromomethane	2.681	94	67436	43.985	ug/l	98
6) Chloroethane	2.828	64	71286	50.827	ug/l	97
7) Trichlorofluoromethane	3.170	101	111240	47.320	ug/l	98
8) Diethyl Ether	3.587	74	34203	49.804	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.958	101	72751	48.718	ug/l	97
10) Methyl Iodide	4.158	142	77851	41.284	ug/l	97
11) Tert butyl alcohol	5.052	59	19687	134.738	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	73046	48.161	ug/l	92
13) Acrolein	3.799	56	18491	240.950	ug/l	98
14) Allyl chloride	4.558	41	76663	47.772	ug/l	99
15) Acrylonitrile	5.246	53	70138	258.454	ug/l	99
16) Acetone	4.017	43	48787	209.665	ug/l	95
17) Carbon Disulfide	4.264	76	214860	46.979	ug/l	97
18) Methyl Acetate	4.558	43	32598	46.327	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	152564	52.891	ug/l	98
20) Methylene Chloride	4.793	84	100866	51.132	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	84667	50.791	ug/l	92
22) Diisopropyl ether	6.211	45	180215	54.411	ug/l	96
23) Vinyl Acetate	6.158	43	344493	244.632	ug/l	97
24) 1,1-Dichloroethane	6.111	63	127530	50.341	ug/l	99
25) 2-Butanone	7.081	43	77400	241.921	ug/l	95
26) 2,2-Dichloropropane	7.069	77	110034	47.204	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	94113	51.182	ug/l	99
28) Bromochloromethane	7.428	49	42765	53.492	ug/l	99
29) Tetrahydrofuran	7.446	42	48559	264.646	ug/l	97
30) Chloroform	7.593	83	142235	52.556	ug/l	97
31) Cyclohexane	7.875	56	104933	46.481	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	121681	50.895	ug/l	97
36) 1,1-Dichloropropene	8.005	75	106241	51.942	ug/l	98
37) Ethyl Acetate	7.169	43	35992	52.750	ug/l	97
38) Carbon Tetrachloride	7.987	117	99601	51.399	ug/l	96
39) Methylcyclohexane	9.269	83	126211	50.717	ug/l	96
40) Benzene	8.246	78	319752	52.890	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074773.D
 Acq On : 07 Nov 2022 21:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 01:33:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	19373	48.345	ug/l #	94
42) 1,2-Dichloroethane	8.328	62	75258	54.148	ug/l	99
43) Isopropyl Acetate	8.358	43	67878	53.465	ug/l	97
44) Trichloroethene	9.028	130	90393	52.480	ug/l	97
45) 1,2-Dichloropropane	9.305	63	72632	54.322	ug/l	95
46) Dibromomethane	9.393	93	43731	56.439	ug/l	96
47) Bromodichloromethane	9.581	83	106306	56.987	ug/l	98
48) Methyl methacrylate	9.381	41	31223	55.188	ug/l	96
49) 1,4-Dioxane	9.375	88	9533	1219.985	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	159258	258.676	ug/l	97
52) Toluene	10.334	92	183342	49.532	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	82619	50.076	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	103669	50.074	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	53251	50.588	ug/l	97
56) Ethyl methacrylate	10.599	69	60272	51.212	ug/l	96
57) 1,3-Dichloropropane	10.875	76	85425	50.373	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	62225	217.026	ug/l	99
59) 2-Hexanone	10.922	43	107063	252.798	ug/l	99
60) Dibromochloromethane	11.075	129	63553	50.573	ug/l	99
61) 1,2-Dibromoethane	11.181	107	50463	50.871	ug/l	100
64) Tetrachloroethene	10.810	164	66060	50.763	ug/l	95
65) Chlorobenzene	11.604	112	193680	53.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	68709	55.511	ug/l	98
67) Ethyl Benzene	11.681	91	344598	53.303	ug/l	97
68) m/p-Xylenes	11.793	106	277073	107.952	ug/l	98
69) o-Xylene	12.122	106	128601	54.501	ug/l	95
70) Styrene	12.134	104	224976	56.278	ug/l	99
71) Bromoform	12.299	173	37129	56.014	ug/l #	99
73) Isopropylbenzene	12.422	105	330857	48.944	ug/l	99
74) N-amyl acetate	12.234	43	56946	51.864	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	59769	52.619	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	37384m	52.121	ug/l	
77) Bromobenzene	12.699	156	79442	51.039	ug/l	97
78) n-propylbenzene	12.763	91	405898	50.123	ug/l	100
79) 2-Chlorotoluene	12.846	91	218284	50.059	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	276090	50.060	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	14929	49.407	ug/l	97
82) 4-Chlorotoluene	12.946	91	227243	50.104	ug/l	99
83) tert-Butylbenzene	13.163	119	242384	49.871	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	277489	50.991	ug/l	98
85) sec-Butylbenzene	13.346	105	358713	48.920	ug/l	99
86) p-Isopropyltoluene	13.457	119	306322	49.603	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	161747	50.117	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	158119	49.837	ug/l	99
89) n-Butylbenzene	13.787	91	275315	48.746	ug/l	99
90) Hexachloroethane	14.051	117	51654	48.787	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	137943	50.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8279	52.727	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	84941	50.045	ug/l	99
94) Hexachlorobutadiene	15.198	225	41619	46.873	ug/l	99
95) Naphthalene	15.328	128	165997	50.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	75943	50.849	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074773.D
 Acq On : 07 Nov 2022 21:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 01:33:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

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

