

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074509.D
 Acq On : 10 Oct 2022 18:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 08:22:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	93784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	162057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	143827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	63462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42479	50.980	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.960%		
35) Dibromofluoromethane	7.804	113	49132	45.977	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.960%		
50) Toluene-d8	10.269	98	198182	50.745	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.500%		
62) 4-Bromofluorobenzene	12.569	95	55352	45.309	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	45528	55.006	ug/l	96
3) Chloromethane	2.146	50	57327	50.201	ug/l	94
4) Vinyl Chloride	2.281	62	56869	57.369	ug/l	100
5) Bromomethane	2.687	94	31716	54.679	ug/l	98
6) Chloroethane	2.834	64	37212	56.997	ug/l	99
7) Trichlorofluoromethane	3.169	101	90480	55.743	ug/l	99
8) Diethyl Ether	3.593	74	27033	53.856	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.963	101	58337	55.613	ug/l	98
10) Methyl Iodide	4.157	142	67771	48.179	ug/l	99
11) Tert butyl alcohol	5.051	59	21309	275.995	ug/l	98
12) 1,1-Dichloroethene	3.940	96	59422	53.764	ug/l	96
13) Acrolein	3.793	56	11391	207.201	ug/l	94
14) Allyl chloride	4.557	41	66336	52.433	ug/l	99
15) Acrylonitrile	5.251	53	53655	268.846	ug/l	99
16) Acetone	4.022	43	40370	193.472	ug/l	97
17) Carbon Disulfide	4.263	76	181661	52.081	ug/l	98
18) Methyl Acetate	4.563	43	24899	49.189	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	119942	55.065	ug/l	98
20) Methylene Chloride	4.804	84	72645	57.294	ug/l	91
21) trans-1,2-Dichloroethene	5.310	96	66187	54.144	ug/l	96
22) Diisopropyl ether	6.216	45	138162	53.582	ug/l	97
23) Vinyl Acetate	6.157	43	276783m	233.331	ug/l	
24) 1,1-Dichloroethane	6.110	63	102015	54.514	ug/l	96
25) 2-Butanone	7.081	43	55010	230.163	ug/l	93
26) 2,2-Dichloropropane	7.075	77	83126	50.281	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	68431	52.922	ug/l	99
28) Bromochloromethane	7.422	49	27643	50.037	ug/l	90
29) Tetrahydrofuran	7.445	42	34042	254.594	ug/l	95
30) Chloroform	7.592	83	100306	51.871	ug/l	99
31) Cyclohexane	7.875	56	83094	49.648	ug/l	97
32) 1,1,1-Trichloroethane	7.798	97	88657	51.904	ug/l	99
36) 1,1-Dichloropropene	8.004	75	78843	52.563	ug/l	99
37) Ethyl Acetate	7.169	43	25107	50.975	ug/l	98
38) Carbon Tetrachloride	7.987	117	71122	53.507	ug/l	98
39) Methylcyclohexane	9.275	83	99167	53.916	ug/l	96
40) Benzene	8.251	78	234062	53.729	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074509.D
 Acq On : 10 Oct 2022 18:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 08:22:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	12315	45.692	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	53448	51.826	ug/l	98
43) Isopropyl Acetate	8.363	43	48185	51.298	ug/l	97
44) Trichloroethene	9.028	130	64975	53.081	ug/l	94
45) 1,2-Dichloropropane	9.304	63	53227	52.625	ug/l	98
46) Dibromomethane	9.398	93	29505	52.675	ug/l	94
47) Bromodichloromethane	9.586	83	73127	52.274	ug/l	99
48) Methyl methacrylate	9.375	41	22427	51.295	ug/l	95
49) 1,4-Dioxane	9.381	88	6083	1019.687	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	122956	263.347	ug/l	96
52) Toluene	10.333	92	147318	53.503	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	65433	51.245	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	84536	53.733	ug/l	97
55) 1,1,2-Trichloroethane	10.733	97	40494	51.415	ug/l	98
56) Ethyl methacrylate	10.598	69	46312	52.269	ug/l	95
57) 1,3-Dichloropropane	10.875	76	68083	53.640	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	38792	192.202	ug/l	98
59) 2-Hexanone	10.922	43	80758	252.221	ug/l	99
60) Dibromochloromethane	11.069	129	48208	52.525	ug/l	99
61) 1,2-Dibromoethane	11.175	107	37450	51.454	ug/l	98
64) Tetrachloroethene	10.810	164	52544	52.656	ug/l	95
65) Chlorobenzene	11.604	112	158590	55.176	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	52648	54.446	ug/l	97
67) Ethyl Benzene	11.680	91	284414	54.898	ug/l	98
68) m/p-Xylenes	11.786	106	221961	109.021	ug/l	99
69) o-Xylene	12.116	106	104950	56.104	ug/l	95
70) Styrene	12.133	104	174111	54.325	ug/l	99
71) Bromoform	12.298	173	26520	52.164	ug/l #	95
73) Isopropylbenzene	12.416	105	272351	58.354	ug/l	100
74) N-amyl acetate	12.227	43	44962	56.333	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	44210	56.983	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	30231m	62.056	ug/l	
77) Bromobenzene	12.698	156	61515	57.974	ug/l	98
78) n-propylbenzene	12.757	91	330412	57.947	ug/l	99
79) 2-Chlorotoluene	12.845	91	175184	57.684	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	219693	56.979	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	10877	49.815	ug/l	97
82) 4-Chlorotoluene	12.939	91	172372	55.594	ug/l	100
83) tert-Butylbenzene	13.163	119	191354	57.677	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	213140	56.257	ug/l	98
85) sec-Butylbenzene	13.339	105	286593	56.076	ug/l	100
86) p-Isopropyltoluene	13.457	119	237256	56.277	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	120260	56.004	ug/l	100
88) 1,4-Dichlorobenzene	13.533	146	118122	55.258	ug/l	98
89) n-Butylbenzene	13.780	91	223280	56.545	ug/l	99
90) Hexachloroethane	14.045	117	41679	55.729	ug/l	95
91) 1,2-Dichlorobenzene	13.827	146	101275	55.449	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	6127	53.914	ug/l	87
93) 1,2,4-Trichlorobenzene	15.092	180	66317	55.952	ug/l	98
94) Hexachlorobutadiene	15.198	225	34152	55.275	ug/l	99
95) Naphthalene	15.327	128	131067	57.959	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	57661	56.165	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074509.D
 Acq On : 10 Oct 2022 18:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 08:22:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 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_D\Data\VD101022\
 Data File : VD074509.D
 Acq On : 10 Oct 2022 18:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 11 08:22:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

