

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075011.D
 Acq On : 21 Nov 2022 18:38
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 22 00:19:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	119781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	204179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	188518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	92883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47913	61.571	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.140%			
35) Dibromofluoromethane	7.804	113	63209	50.221	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.269	98	225829	54.470	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.940%			
62) 4-Bromofluorobenzene	12.575	95	76932	60.430	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	42279	52.949	ug/l	99
3) Chloromethane	2.146	50	68614	55.029	ug/l	95
4) Vinyl Chloride	2.287	62	87251	51.949	ug/l	98
5) Bromomethane	2.693	94	71690	56.977	ug/l	97
6) Chloroethane	2.840	64	68230	55.320	ug/l	99
7) Trichlorofluoromethane	3.175	101	113249	59.179	ug/l	98
8) Diethyl Ether	3.593	74	30716	55.982	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	73557	60.234	ug/l	98
10) Methyl Iodide	4.163	142	91119	61.526	ug/l	100
11) Tert butyl alcohol	5.052	59	14049	242.716	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	69282	58.243	ug/l	95
13) Acrolein	3.799	56	6093	173.871	ug/l	98
14) Allyl chloride	4.563	41	73751	57.964	ug/l	98
15) Acrylonitrile	5.258	53	63920	298.115	ug/l	99
16) Acetone	4.022	43	58087	293.758	ug/l	99
17) Carbon Disulfide	4.275	76	174804	51.657	ug/l	97
18) Methyl Acetate	4.569	43	29709	57.889	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	140446	58.973	ug/l	99
20) Methylene Chloride	4.810	84	101582	64.300	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	80930	59.996	ug/l	92
22) Diisopropyl ether	6.216	45	179987	63.466	ug/l	97
23) Vinyl Acetate	6.157	43	311197m	255.669	ug/l	
24) 1,1-Dichloroethane	6.116	63	128719	60.778	ug/l	97
25) 2-Butanone	7.081	43	63525	245.671	ug/l	96
26) 2,2-Dichloropropane	7.087	77	96120	48.294	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	76364	51.028	ug/l	99
28) Bromochloromethane	7.434	49	37634	55.080	ug/l	93
29) Tetrahydrofuran	7.452	42	36033	251.752	ug/l	97
30) Chloroform	7.599	83	123232	53.131	ug/l	99
31) Cyclohexane	7.881	56	82433	47.205	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	105221	52.639	ug/l	97
36) 1,1-Dichloropropene	8.010	75	86649	46.843	ug/l	99
37) Ethyl Acetate	7.175	43	28031	45.161	ug/l	96
38) Carbon Tetrachloride	7.993	117	80425	46.190	ug/l	97
39) Methylcyclohexane	9.275	83	98422	49.667	ug/l	96
40) Benzene	8.251	78	263668	49.572	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075011.D
 Acq On : 21 Nov 2022 18:38
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 22 00:19:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	16119	48.963	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	61987	48.697	ug/l	98
43) Isopropyl Acetate	8.363	43	52041	47.603	ug/l	99
44) Trichloroethene	9.028	130	75623	53.816	ug/l	99
45) 1,2-Dichloropropane	9.304	63	64369	53.860	ug/l	94
46) Dibromomethane	9.393	93	35722	53.372	ug/l	93
47) Bromodichloromethane	9.587	83	91268	54.945	ug/l	93
48) Methyl methacrylate	9.381	41	24494	50.579	ug/l	96
49) 1,4-Dioxane	9.387	88	6532	994.576	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	139181	267.055	ug/l	98
52) Toluene	10.334	92	180914	56.887	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	77765	52.996	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	97865	54.384	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	52770	56.702	ug/l	94
56) Ethyl methacrylate	10.598	69	55913	49.726	ug/l	99
57) 1,3-Dichloropropane	10.881	76	84039	56.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	97059	246.863	ug/l	97
59) 2-Hexanone	10.922	43	98098	270.007	ug/l	99
60) Dibromochloromethane	11.075	129	62808	56.890	ug/l	99
61) 1,2-Dibromoethane	11.181	107	47743	54.853	ug/l	98
64) Tetrachloroethene	10.810	164	62633	49.553	ug/l	97
65) Chlorobenzene	11.610	112	196195	53.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	68707	53.173	ug/l	97
67) Ethyl Benzene	11.687	91	346854	53.985	ug/l	98
68) m/p-Xylenes	11.798	106	273759	106.865	ug/l	100
69) o-Xylene	12.122	106	128136	54.367	ug/l	97
70) Styrene	12.139	104	225191	55.740	ug/l	99
71) Bromoform	12.304	173	35564	53.181	ug/l #	99
73) Isopropylbenzene	12.422	105	342772	53.616	ug/l	99
74) N-amyl acetate	12.234	43	49374	46.940	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	57233	50.611	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	32572m	41.927	ug/l	
77) Bromobenzene	12.704	156	78553	52.506	ug/l	96
78) n-propylbenzene	12.769	91	419626	53.398	ug/l	100
79) 2-Chlorotoluene	12.851	91	225784	53.323	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	286258	53.738	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	14148	44.801	ug/l	92
82) 4-Chlorotoluene	12.951	91	237060	53.762	ug/l	98
83) tert-Butylbenzene	13.169	119	246988	53.436	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	284384	53.979	ug/l	98
85) sec-Butylbenzene	13.345	105	378221	53.795	ug/l	98
86) p-Isopropyltoluene	13.463	119	319528	54.656	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	162291	52.148	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	158571	51.338	ug/l	99
89) n-Butylbenzene	13.792	91	293788	54.127	ug/l	98
90) Hexachloroethane	14.057	117	56781	54.229	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	140580	53.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7346	47.116	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	83509	51.839	ug/l	99
94) Hexachlorobutadiene	15.210	225	44174	53.161	ug/l	99
95) Naphthalene	15.333	128	149203	49.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	71912	51.620	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
Data File : VD075011.D
Acq On : 21 Nov 2022 18:38
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 22 00:19:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

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

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

