

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074839.D
 Acq On : 09 Nov 2022 20:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 00:38:08 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)

Internal Standards						
1) Pentafluorobenzene	7.875	168	231535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	331381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72127	39.332	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.660%		
35) Dibromofluoromethane	7.805	113	108219	55.207	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.420%		
50) Toluene-d8	10.269	98	347189	48.555	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.120%		
62) 4-Bromofluorobenzene	12.575	95	110015	53.287	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	77440	40.724	ug/l	94
3) Chloromethane	2.146	50	126233	41.598	ug/l	95
4) Vinyl Chloride	2.281	62	150645	45.268	ug/l	99
5) Bromomethane	2.687	94	111792	44.337	ug/l	99
6) Chloroethane	2.834	64	108879	47.203	ug/l	97
7) Trichlorofluoromethane	3.175	101	195435	50.550	ug/l	94
8) Diethyl Ether	3.593	74	57430	50.849	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	122963	50.069	ug/l	96
10) Methyl Iodide	4.158	142	152871	48.215	ug/l	99
11) Tert butyl alcohol	5.058	59	28750	104.336	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	124362	49.857	ug/l	93
13) Acrolein	3.793	56	26427	209.389	ug/l	99
14) Allyl chloride	4.558	41	129562	49.092	ug/l	98
15) Acrylonitrile	5.252	53	107029	239.812	ug/l	98
16) Acetone	4.022	43	75254	196.649	ug/l	95
17) Carbon Disulfide	4.269	76	343828	45.711	ug/l	98
18) Methyl Acetate	4.558	43	49297	42.599	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	251586	53.035	ug/l #	89
20) Methylene Chloride	4.805	84	170962	53.135	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	137884	50.295	ug/l	94
22) Diisopropyl ether	6.216	45	277273	50.903	ug/l	95
23) Vinyl Acetate	6.158	43	598645	258.489	ug/l	98
24) 1,1-Dichloroethane	6.116	63	203901	48.940	ug/l	99
25) 2-Butanone	7.081	43	113542	215.789	ug/l	96
26) 2,2-Dichloropropane	7.081	77	184651	48.166	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	155166	51.310	ug/l	96
28) Bromochloromethane	7.428	49	63553	48.337	ug/l	92
29) Tetrahydrofuran	7.446	42	71972	238.506	ug/l	99
30) Chloroform	7.599	83	226583	50.907	ug/l	99
31) Cyclohexane	7.875	56	176629	47.573	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	201807	51.325	ug/l	98
36) 1,1-Dichloropropene	8.010	75	145321	48.840	ug/l	99
37) Ethyl Acetate	7.169	43	53330	53.729	ug/l	96
38) Carbon Tetrachloride	7.993	117	136860	48.550	ug/l	93
39) Methylcyclohexane	9.275	83	195926	54.122	ug/l	98
40) Benzene	8.252	78	431024	49.010	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	32320	54.838	ug/l	92
42) 1,2-Dichloroethane	8.328	62	99683	49.303	ug/l	99
43) Isopropyl Acetate	8.363	43	100429	54.378	ug/l	92
44) Trichloroethene	9.028	130	129130	51.536	ug/l	98
45) 1,2-Dichloropropane	9.304	63	97614	50.185	ug/l	90
46) Dibromomethane	9.393	93	56854	50.440	ug/l	98
47) Bromodichloromethane	9.587	83	143228	52.780	ug/l	98
48) Methyl methacrylate	9.381	41	41635	50.589	ug/l	96
49) 1,4-Dioxane	9.387	88	11347	998.221	ug/l #	90
51) 4-Methyl-2-Pentanone	10.157	43	230607	257.482	ug/l	99
52) Toluene	10.334	92	286900	53.281	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	128351	53.477	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	159082	52.821	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	86350	56.390	ug/l	98
56) Ethyl methacrylate	10.599	69	95266	55.644	ug/l	99
57) 1,3-Dichloropropane	10.881	76	130119	52.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	144178	316.313	ug/l	100
59) 2-Hexanone	10.922	43	159992	259.689	ug/l	99
60) Dibromochloromethane	11.075	129	97878	53.541	ug/l	97
61) 1,2-Dibromoethane	11.181	107	77279	53.552	ug/l	96
64) Tetrachloroethene	10.810	164	111370	53.312	ug/l	95
65) Chlorobenzene	11.610	112	306958	52.415	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	105505	53.100	ug/l	97
67) Ethyl Benzene	11.681	91	552738	53.261	ug/l	99
68) m/p-Xylenes	11.793	106	543484	131.910	ug/l	98
69) o-Xylene	12.122	106	224508	59.272	ug/l	97
70) Styrene	12.134	104	346116	53.935	ug/l	99
71) Bromoform	12.298	173	56298	52.909	ug/l #	97
73) Isopropylbenzene	12.422	105	543744	55.738	ug/l	100
74) N-amyl acetate	12.234	43	82936	52.341	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	83647	51.028	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	54829m	52.970	ug/l	
77) Bromobenzene	12.698	156	129196	57.517	ug/l	93
78) n-propylbenzene	12.763	91	642749	54.999	ug/l	99
79) 2-Chlorotoluene	12.851	91	355515	56.495	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	470269	59.086	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	23223	53.257	ug/l	94
82) 4-Chlorotoluene	12.945	91	345765	52.827	ug/l	99
83) tert-Butylbenzene	13.163	119	385130	54.909	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	561186	71.458	ug/l	99
85) sec-Butylbenzene	13.345	105	568286	53.704	ug/l	98
86) p-Isopropyltoluene	13.457	119	477275	53.554	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	243703	52.325	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	235091	51.345	ug/l	99
89) n-Butylbenzene	13.787	91	434909	53.359	ug/l	98
90) Hexachloroethane	14.051	117	78974	51.687	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	204609	51.577	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11859	52.336	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	127818	52.183	ug/l	100
94) Hexachlorobutadiene	15.204	225	68036	53.097	ug/l	98
95) Naphthalene	15.334	128	274800	58.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	110843	51.428	ug/l	99

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

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