

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070922.D
 Acq On : 03 Nov 2021 20:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 03 22:16:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	365184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	572835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	577720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191868	52.240	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.480%			
35) Dibromofluoromethane	7.914	113	211419	55.976	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.960%			
50) Toluene-d8	10.338	98	803339	56.535	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.060%			
62) 4-Bromofluorobenzene	12.620	95	267713	57.101	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	141499	41.780	ug/l	90
3) Chloromethane	2.209	50	228606	47.692	ug/l	98
4) Vinyl Chloride	2.350	62	241181	45.484	ug/l	100
5) Bromomethane	2.768	94	158186	47.166	ug/l	97
6) Chloroethane	2.926	64	105822	32.302	ug/l	95
7) Trichlorofluoromethane	3.273	101	256592	39.289	ug/l	99
8) Diethyl Ether	3.709	74	96806	53.501	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	195408	46.422	ug/l	97
10) Methyl Iodide	4.303	142	212434	48.158	ug/l	99
11) Tert butyl alcohol	5.215	59	47468	243.177	ug/l	99
12) 1,1-Dichloroethene	4.073	96	183111	49.694	ug/l	97
13) Acrolein	3.921	56	54086	308.983	ug/l	99
14) Allyl chloride	4.715	41	293026	50.764	ug/l	98
15) Acrylonitrile	5.415	53	236842	273.261	ug/l	99
16) Acetone	4.156	43	180484	211.217	ug/l	91
17) Carbon Disulfide	4.409	76	647363	49.697	ug/l	97
18) Methyl Acetate	4.715	43	150163	51.261	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	430225	56.129	ug/l	96
20) Methylene Chloride	4.968	84	265760	57.301	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	241220	55.244	ug/l	93
22) Diisopropyl ether	6.362	45	690543	57.689	ug/l	97
23) Vinyl Acetate	6.309	43	1566685	258.595	ug/l	96
24) 1,1-Dichloroethane	6.267	63	413925	51.305	ug/l	97
25) 2-Butanone	7.214	43	265994	252.912	ug/l	94
26) 2,2-Dichloropropane	7.209	77	305296	47.429	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	255947	54.697	ug/l	96
28) Bromochloromethane	7.550	49	168682	53.319	ug/l	94
29) Tetrahydrofuran	7.561	42	176410	277.640	ug/l	96
30) Chloroform	7.709	83	435339	53.761	ug/l	99
31) Cyclohexane	7.985	56	336550	44.969	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	346344	50.081	ug/l	98
36) 1,1-Dichloropropene	8.114	75	307855	51.365	ug/l	99
37) Ethyl Acetate	7.291	43	123727	55.524	ug/l	96
38) Carbon Tetrachloride	8.097	117	306971	50.933	ug/l	97
39) Methylcyclohexane	9.356	83	350159	50.772	ug/l	93
40) Benzene	8.350	78	975519	55.984	ug/l	98

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41) Methacrylonitrile	7.514	41	54828	46.512	ug/l	92
42) 1,2-Dichloroethane	8.420	62	243075	54.790	ug/l	99
43) Isopropyl Acetate	8.450	43	224360	54.164	ug/l	99
44) Trichloroethene	9.108	130	241929	53.739	ug/l	93
45) 1,2-Dichloropropane	9.385	63	260509	56.391	ug/l	93
46) Dibromomethane	9.473	93	130907	57.798	ug/l	97
47) Bromodichloromethane	9.656	83	328837	56.164	ug/l	99
48) Methyl methacrylate	9.450	41	112080	56.631	ug/l	95
49) 1,4-Dioxane	9.461	88	29694	1228.393	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	639193	294.279	ug/l	100
52) Toluene	10.397	92	628564	60.023	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	288570	56.551	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	357489	56.740	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	184978	57.586	ug/l	97
56) Ethyl methacrylate	10.655	69	216713	54.777	ug/l	96
57) 1,3-Dichloropropane	10.938	76	311869	57.622	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	424428	277.935	ug/l	98
59) 2-Hexanone	10.979	43	428284	276.212	ug/l	98
60) Dibromochloromethane	11.132	129	220832	57.296	ug/l	98
61) 1,2-Dibromoethane	11.238	107	170989	57.669	ug/l	100
64) Tetrachloroethene	10.867	164	216918	54.726	ug/l	98
65) Chlorobenzene	11.661	112	640050	54.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	238940	54.342	ug/l	99
67) Ethyl Benzene	11.738	91	1130015	54.749	ug/l	98
68) m/p-Xylenes	11.844	106	913060	113.612	ug/l	99
69) o-Xylene	12.173	106	411096	56.479	ug/l	100
70) Styrene	12.185	104	746440	59.212	ug/l	98
71) Bromoform	12.349	173	127337	54.803	ug/l #	96
73) Isopropylbenzene	12.467	105	1050670	53.196	ug/l	100
74) N-amyl acetate	12.279	43	221217	50.926	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	207388	51.456	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	154902m	53.139	ug/l	
77) Bromobenzene	12.749	156	264797	55.024	ug/l	96
78) n-propylbenzene	12.808	91	1339798	52.849	ug/l	99
79) 2-Chlorotoluene	12.897	91	800287	54.367	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	918603	54.800	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	57789	52.033	ug/l	96
82) 4-Chlorotoluene	12.996	91	844843	55.227	ug/l	100
83) tert-Butylbenzene	13.214	119	754550	53.982	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	933260	56.468	ug/l	99
85) sec-Butylbenzene	13.391	105	1151027	52.210	ug/l	98
86) p-Isopropyltoluene	13.502	119	966261	54.479	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	537146	54.052	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	529845	53.761	ug/l	99
89) n-Butylbenzene	13.832	91	891473	51.298	ug/l	98
90) Hexachloroethane	14.096	117	185819	46.686	ug/l	85
91) 1,2-Dichlorobenzene	13.873	146	467258	55.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	22278	37.940	ug/l	62
93) 1,2,4-Trichlorobenzene	15.143	180	276354	56.401	ug/l	97
94) Hexachlorobutadiene	15.249	225	175904	54.488	ug/l	98
95) Naphthalene	15.385	128	449993	48.519	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	255384	59.980	ug/l	99

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

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