

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072422.D
 Acq On : 25 Mar 2022 11:21
 Operator : VA/SY
 Sample : VD0325SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022

Quant Time: Mar 26 00:08:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	374538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	616183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	581108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	290437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	221233	53.002	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.000%			
35) Dibromofluoromethane	7.908	113	217430	50.144	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.280%			
50) Toluene-d8	10.338	98	783232	49.399	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.800%			
62) 4-Bromofluorobenzene	12.626	95	299855	48.673	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	65605	18.938	ug/l	99
3) Chloromethane	2.209	50	61677	20.036	ug/l	97
4) Vinyl Chloride	2.350	62	63540	21.384	ug/l	100
5) Bromomethane	2.756	94	40995	21.187	ug/l	94
6) Chloroethane	2.914	64	45828	23.327	ug/l	94
7) Trichlorofluoromethane	3.267	101	136685	20.369	ug/l	94
8) Diethyl Ether	3.709	74	41991	22.657	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	91603	21.409	ug/l	97
10) Methyl Iodide	4.297	142	59266	16.999	ug/l	97
11) Tert butyl alcohol	5.214	59	32575	134.599	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	68640	19.940	ug/l	88
13) Acrolein	3.920	56	20223	93.645	ug/l	99
14) Allyl chloride	4.708	41	133477	22.178	ug/l	94
15) Acrylonitrile	5.420	53	124379	133.005	ug/l	95
16) Acetone	4.156	43	117838	130.026	ug/l	100
17) Carbon Disulfide	4.409	76	95946	13.093	ug/l	97
18) Methyl Acetate	4.714	43	70690	31.830	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	228550	24.428	ug/l	97
20) Methylene Chloride	4.967	84	102384	18.819	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	76828	20.179	ug/l	86
22) Diisopropyl ether	6.361	45	355078	25.866	ug/l	94
23) Vinyl Acetate	6.303	43	810911	115.746	ug/l	96
24) 1,1-Dichloroethane	6.267	63	189788	23.442	ug/l	97
25) 2-Butanone	7.202	43	160860	133.126	ug/l	99
26) 2,2-Dichloropropane	7.202	77	161130	22.058	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	109144	22.454	ug/l	96
28) Bromochloromethane	7.544	49	67937	20.844	ug/l	90
29) Tetrahydrofuran	7.561	42	93327	131.351	ug/l	97
30) Chloroform	7.708	83	208825	24.212	ug/l	98
31) Cyclohexane	7.979	56	120997	18.554	ug/l #	89
32) 1,1,1-Trichloroethane	7.902	97	168249	21.964	ug/l	98
36) 1,1-Dichloropropene	8.108	75	118781	19.527	ug/l	96
37) Ethyl Acetate	7.291	43	67515	25.338	ug/l	97
38) Carbon Tetrachloride	8.091	117	139155	20.125	ug/l	95
39) Methylcyclohexane	9.355	83	119862	17.510	ug/l	97
40) Benzene	8.349	78	363146	20.926	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	39240	25.266	ug/l	90
42) 1,2-Dichloroethane	8.420	62	123721	23.501	ug/l	97
43) Isopropyl Acetate	8.449	43	129099	24.962	ug/l #	97
44) Trichloroethene	9.108	130	98662	20.251	ug/l	95
45) 1,2-Dichloropropane	9.379	63	108994	22.901	ug/l	98
46) Dibromomethane	9.473	93	54215	23.157	ug/l	95
47) Bromodichloromethane	9.655	83	161419	23.651	ug/l	98
48) Methyl methacrylate	9.449	41	62239	25.203	ug/l	91
49) 1,4-Dioxane	9.455	88	14367	511.740	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	361151	132.952	ug/l	97
52) Toluene	10.402	92	243753	21.345	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	141398	22.676	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	167180	23.192	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	88496	24.814	ug/l	97
56) Ethyl methacrylate	10.655	69	105306	25.209	ug/l	94
57) 1,3-Dichloropropane	10.938	76	141830	23.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	185598	98.814	ug/l	100
59) 2-Hexanone	10.979	43	258809	137.948	ug/l	98
60) Dibromochloromethane	11.132	129	109048	23.564	ug/l	100
61) 1,2-Dibromoethane	11.243	107	73547	22.822	ug/l	97
64) Tetrachloroethene	10.873	164	82533	20.158	ug/l	98
65) Chlorobenzene	11.667	112	282800	21.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	115366	22.645	ug/l	98
67) Ethyl Benzene	11.738	91	491064	21.342	ug/l	99
68) m/p-Xylenes	11.849	106	366718	41.973	ug/l	99
69) o-Xylene	12.173	106	178850	21.401	ug/l	100
70) Styrene	12.190	104	324549	22.239	ug/l	99
71) Bromoform	12.349	173	65304	23.997	ug/l #	98
73) Isopropylbenzene	12.473	105	513560	22.313	ug/l	99
74) N-amyl acetate	12.279	43	128735	26.028	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	103572	25.161	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	70212m	21.915	ug/l	
77) Bromobenzene	12.755	156	119828	23.132	ug/l	93
78) n-propylbenzene	12.814	91	637400	22.800	ug/l	99
79) 2-Chlorotoluene	12.896	91	366685	22.683	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	454095	22.966	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	31257	24.206	ug/l	92
82) 4-Chlorotoluene	12.996	91	389844	23.291	ug/l	99
83) tert-Butylbenzene	13.214	119	383064	22.098	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	446417	22.914	ug/l	100
85) sec-Butylbenzene	13.390	105	589305	22.637	ug/l	100
86) p-Isopropyltoluene	13.508	119	480827	22.446	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	244681	22.537	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	244161	22.679	ug/l	98
89) n-Butylbenzene	13.832	91	463546	22.702	ug/l	99
90) Hexachloroethane	14.102	117	98790	23.530	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	220717	23.318	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	17307	26.345	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	137691	21.971	ug/l	99
94) Hexachlorobutadiene	15.255	225	79609	21.838	ug/l	99
95) Naphthalene	15.384	128	246320	22.802	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	123844	22.830	ug/l	99

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

