

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071908.D
 Acq On : 08 Feb 2022 09:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 09 03:47:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2022
 Supervised By :Mahesh Dadoda 02/09/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	434273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	704764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	652429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	311236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	275157	50.129	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.260%			
35) Dibromofluoromethane	7.914	113	250998	54.181	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.360%			
50) Toluene-d8	10.332	98	921197	53.244	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.480%			
62) 4-Bromofluorobenzene	12.620	95	321045	53.137	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	246323	47.831	ug/l	96
3) Chloromethane	2.209	50	282450	45.811	ug/l	99
4) Vinyl Chloride	2.350	62	307843	47.691	ug/l	100
5) Bromomethane	2.773	94	195408	45.881	ug/l	98
6) Chloroethane	2.920	64	198932	48.630	ug/l	98
7) Trichlorofluoromethane	3.273	101	447946	48.423	ug/l	97
8) Diethyl Ether	3.709	74	117676	48.210	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	255435	48.944	ug/l	99
10) Methyl Iodide	4.303	142	265281	49.582	ug/l	100
11) Tert butyl alcohol	5.214	59	69085	203.552	ug/l	99
12) 1,1-Dichloroethene	4.073	96	244799	51.309	ug/l	96
13) Acrolein	3.920	56	109013	223.602	ug/l	100
14) Allyl chloride	4.714	41	466441	51.289	ug/l	99
15) Acrylonitrile	5.414	53	311420	251.033	ug/l	99
16) Acetone	4.156	43	448863m	298.732	ug/l	
17) Carbon Disulfide	4.408	76	821344	49.371	ug/l	97
18) Methyl Acetate	4.714	43	136521	42.024	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	580608	50.869	ug/l	100
20) Methylene Chloride	4.967	84	265862	48.353	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	283166	50.982	ug/l	98
22) Diisopropyl ether	6.367	45	922340	51.745	ug/l	96
23) Vinyl Acetate	6.303	43	2684291	272.987	ug/l	99
24) 1,1-Dichloroethane	6.261	63	536442	51.634	ug/l	99
25) 2-Butanone	7.208	43	476038	271.766	ug/l	96
26) 2,2-Dichloropropane	7.208	77	456928	53.147	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	306148	51.319	ug/l	99
28) Bromochloromethane	7.544	49	173742	44.338	ug/l	100
29) Tetrahydrofuran	7.561	42	259491	250.370	ug/l	100
30) Chloroform	7.708	83	527564	49.704	ug/l	98
31) Cyclohexane	7.985	56	504439	48.138	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	482423	51.530	ug/l	98
36) 1,1-Dichloropropene	8.108	75	430305	54.118	ug/l	99
37) Ethyl Acetate	7.291	43	183800	49.719	ug/l	98
38) Carbon Tetrachloride	8.091	117	422088	53.679	ug/l	98
39) Methylcyclohexane	9.349	83	491557	53.355	ug/l	96
40) Benzene	8.349	78	1128033	52.557	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	107402	51.355	ug/l	93
42) 1,2-Dichloroethane	8.420	62	345679	51.005	ug/l	99
43) Isopropyl Acetate	8.449	43	346088	52.089	ug/l	98
44) Trichloroethene	9.108	130	290772	52.469	ug/l	96
45) 1,2-Dichloropropane	9.385	63	287508	51.951	ug/l	93
46) Dibromomethane	9.467	93	151212	52.183	ug/l	99
47) Bromodichloromethane	9.655	83	402524	52.524	ug/l	100
48) Methyl methacrylate	9.449	41	181006	51.476	ug/l	99
49) 1,4-Dioxane	9.461	88	33062	999.612	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	922418	265.296	ug/l	100
52) Toluene	10.396	92	724023	54.248	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	374854	53.256	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	431020	52.241	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	198821	51.698	ug/l	96
56) Ethyl methacrylate	10.655	69	257373	54.052	ug/l	99
57) 1,3-Dichloropropane	10.938	76	355284	51.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	526934	235.078	ug/l	100
59) 2-Hexanone	10.979	43	734671	291.122	ug/l	98
60) Dibromochloromethane	11.132	129	247202	52.052	ug/l	98
61) 1,2-Dibromoethane	11.238	107	194842	52.584	ug/l	99
64) Tetrachloroethene	10.873	164	239953	51.994	ug/l	92
65) Chlorobenzene	11.661	112	733222	53.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	268204	53.413	ug/l	99
67) Ethyl Benzene	11.738	91	1376384	54.194	ug/l	99
68) m/p-Xylenes	11.843	106	1051791	108.878	ug/l	99
69) o-Xylene	12.173	106	483787	55.108	ug/l	98
70) Styrene	12.185	104	831130	54.926	ug/l	99
71) Bromoform	12.349	173	141054	52.612	ug/l #	99
73) Isopropylbenzene	12.473	105	1307982	54.272	ug/l	100
74) N-amyl acetate	12.279	43	323381	54.562	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	225788	50.626	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	149985m	45.727	ug/l	
77) Bromobenzene	12.755	156	274882	51.274	ug/l	100
78) n-propylbenzene	12.814	91	1647396	54.514	ug/l	100
79) 2-Chlorotoluene	12.896	91	907339	52.983	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1080997	54.077	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	69154	51.839	ug/l	98
82) 4-Chlorotoluene	12.996	91	935626	52.514	ug/l	100
83) tert-Butylbenzene	13.214	119	919598	55.508	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1071914	54.512	ug/l	100
85) sec-Butylbenzene	13.390	105	1411375	54.447	ug/l	100
86) p-Isopropyltoluene	13.508	119	1162096	55.168	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	562128	51.637	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	559486	51.496	ug/l	99
89) n-Butylbenzene	13.832	91	1128690	54.614	ug/l	100
90) Hexachloroethane	14.096	117	222543	53.150	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	479940	51.517	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	35415	47.947	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	289533	53.201	ug/l	99
94) Hexachlorobutadiene	15.255	225	159072	53.605	ug/l	97
95) Naphthalene	15.384	128	538353	49.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	247716	53.104	ug/l	100

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

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