

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072019.D
 Acq On : 18 Feb 2022 10:46
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/19/2022
 Supervised By :Mahesh Dadoda 02/21/2022

Quant Time: Feb 19 03:40:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	524853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	851103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	787123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	381788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	294311	54.059	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.120%			
35) Dibromofluoromethane	7.908	113	280683	54.432	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.860%			
50) Toluene-d8	10.332	98	1094410	57.231	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.460%			
62) 4-Bromofluorobenzene	12.620	95	382383	54.437	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	228191	46.113	ug/l	100
3) Chloromethane	2.209	50	214918	45.930	ug/l	100
4) Vinyl Chloride	2.350	62	208856	46.751	ug/l	100
5) Bromomethane	2.767	94	138748	44.551	ug/l	100
6) Chloroethane	2.920	64	135246	47.897	ug/l	100
7) Trichlorofluoromethane	3.273	101	409297	47.356	ug/l	100
8) Diethyl Ether	3.709	74	121282	49.224	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	260609	48.261	ug/l	100
10) Methyl Iodide	4.303	142	300403	56.526	ug/l	100
11) Tert butyl alcohol	5.214	59	68735	221.274	ug/l	100
12) 1,1-Dichloroethene	4.067	96	235175	49.032	ug/l	100
13) Acrolein	3.926	56	134362	219.351	ug/l	100
14) Allyl chloride	4.714	41	421665	50.164	ug/l	100
15) Acrylonitrile	5.420	53	320757	240.871	ug/l	100
16) Acetone	4.156	43	280140	238.092	ug/l	100
17) Carbon Disulfide	4.409	76	683924	49.743	ug/l	100
18) Methyl Acetate	4.708	43	138163	41.096	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	581667	49.851	ug/l	100
20) Methylene Chloride	4.967	84	274863	46.938	ug/l	100
21) trans-1,2-Dichloroethene	5.473	96	268408	49.804	ug/l	100
22) Diisopropyl ether	6.361	45	884528	50.393	ug/l	100
23) Vinyl Acetate	6.303	43	2483233	264.923	ug/l	100
24) 1,1-Dichloroethane	6.261	63	505000	48.361	ug/l	100
25) 2-Butanone	7.208	43	389592	239.571	ug/l	100
26) 2,2-Dichloropropane	7.208	77	407130	48.723	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	308434	49.952	ug/l	100
28) Bromochloromethane	7.544	49	227136	51.024	ug/l	100
29) Tetrahydrofuran	7.561	42	250418	241.284	ug/l	100
30) Chloroform	7.708	83	520736	48.571	ug/l	100
31) Cyclohexane	7.985	56	460139	47.850	ug/l	100
32) 1,1,1-Trichloroethane	7.902	97	444884	48.219	ug/l	100
36) 1,1-Dichloropropene	8.108	75	390308	49.969	ug/l	100
37) Ethyl Acetate	7.285	43	174932	48.295	ug/l	100
38) Carbon Tetrachloride	8.097	117	396635	49.543	ug/l	100
39) Methylcyclohexane	9.349	83	470850	51.504	ug/l	100
40) Benzene	8.349	78	1109666	50.346	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	102822	45.777	ug/l	100
42) 1,2-Dichloroethane	8.420	62	323589	48.943	ug/l	100
43) Isopropyl Acetate	8.449	43	329506	48.851	ug/l	100
44) Trichloroethene	9.108	130	296655	49.382	ug/l	100
45) 1,2-Dichloropropane	9.385	63	288434	49.059	ug/l	100
46) Dibromomethane	9.473	93	150404	48.475	ug/l	100
47) Bromodichloromethane	9.655	83	392900	49.090	ug/l	100
48) Methyl methacrylate	9.449	41	170326	49.989	ug/l	100
49) 1,4-Dioxane	9.461	88	35157	955.172	ug/l	100
51) 4-Methyl-2-Pentanone	10.220	43	884167	247.342	ug/l	100
52) Toluene	10.396	92	719380	51.001	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	368788	50.382	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	430859	49.733	ug/l	100
55) 1,1,2-Trichloroethane	10.791	97	215660	49.391	ug/l	100
56) Ethyl methacrylate	10.655	69	264805	50.785	ug/l	100
57) 1,3-Dichloropropane	10.938	76	376906	49.944	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	564809	242.128	ug/l	100
59) 2-Hexanone	10.979	43	600988	246.484	ug/l	100
60) Dibromochloromethane	11.132	129	266735	48.919	ug/l	100
61) 1,2-Dibromoethane	11.238	107	201107	48.198	ug/l	100
64) Tetrachloroethene	10.873	164	244543	49.210	ug/l	100
65) Chlorobenzene	11.661	112	750734	49.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	279218	49.315	ug/l	100
67) Ethyl Benzene	11.738	91	1376475	51.314	ug/l	100
68) m/p-Xylenes	11.843	106	1059508	103.179	ug/l	100
69) o-Xylene	12.173	106	500818	51.845	ug/l	100
70) Styrene	12.185	104	865314	52.199	ug/l	100
71) Bromoform	12.349	173	152936	47.097	ug/l #	100
73) Isopropylbenzene	12.473	105	1350225	51.508	ug/l	100
74) N-amyl acetate	12.279	43	310745	49.092	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	242535	46.797	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	157839m	39.243	ug/l	
77) Bromobenzene	12.749	156	310101	50.516	ug/l	100
78) n-propylbenzene	12.814	91	1664140	51.649	ug/l	100
79) 2-Chlorotoluene	12.896	91	939917	50.402	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1118721	51.109	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	70464	48.794	ug/l	100
82) 4-Chlorotoluene	12.996	91	970233	49.989	ug/l	100
83) tert-Butylbenzene	13.214	119	981329	52.180	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	1108318	51.507	ug/l	100
85) sec-Butylbenzene	13.390	105	1471999	51.381	ug/l	100
86) p-Isopropyltoluene	13.502	119	1223507	51.924	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	619888	49.954	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	597526	47.922	ug/l	100
89) n-Butylbenzene	13.832	91	1149904	51.321	ug/l	100
90) Hexachloroethane	14.096	117	232087	49.069	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	542644	49.866	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	38591	47.797	ug/l	100
93) 1,2,4-Trichlorobenzene	15.149	180	334551	50.051	ug/l	100
94) Hexachlorobutadiene	15.249	225	185928	50.585	ug/l	100
95) Naphthalene	15.384	128	617072	50.854	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	289145	50.151	ug/l	100

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

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