

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072014.D
 Acq On : 17 Feb 2022 16:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 06:39:06 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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	445904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	725820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	701869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	367453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249877	44.336	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.680%		
35) Dibromofluoromethane	7.908	113	244758	51.301	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.600%		
50) Toluene-d8	10.332	98	859182	48.219	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.440%		
62) 4-Bromofluorobenzene	12.620	95	334961	53.832	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	220301	41.663	ug/l	97
3) Chloromethane	2.208	50	211770	33.451	ug/l	99
4) Vinyl Chloride	2.350	62	207583	31.320	ug/l	100
5) Bromomethane	2.761	94	129678	29.654	ug/l	100
6) Chloroethane	2.914	64	132606	31.571	ug/l	92
7) Trichlorofluoromethane	3.273	101	398933	42.000	ug/l	97
8) Diethyl Ether	3.708	74	120936	48.254	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	252109	47.046	ug/l	97
10) Methyl Iodide	4.297	142	286518	52.155	ug/l	97
11) Tert butyl alcohol	5.220	59	77485	226.949	ug/l	100
12) 1,1-Dichloroethene	4.067	96	226478	46.231	ug/l	95
13) Acrolein	3.920	56	94245	188.268	ug/l	99
14) Allyl chloride	4.708	41	404528	43.321	ug/l	93
15) Acrylonitrile	5.420	53	340548	267.352	ug/l	97
16) Acetone	4.155	43	330109	213.967	ug/l	90
17) Carbon Disulfide	4.408	76	666370	39.011	ug/l	99
18) Methyl Acetate	4.714	43	151136	45.309	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	591696	50.488	ug/l	98
20) Methylene Chloride	4.961	84	285732	50.800	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	261003	45.766	ug/l	96
22) Diisopropyl ether	6.367	45	878333	47.991	ug/l	91
23) Vinyl Acetate	6.302	43	2538265	251.403	ug/l	95
24) 1,1-Dichloroethane	6.267	63	497378	46.626	ug/l	98
25) 2-Butanone	7.208	43	435245	241.996	ug/l	97
26) 2,2-Dichloropropane	7.208	77	379758	43.019	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	301268	49.184	ug/l	95
28) Bromochloromethane	7.543	49	176603	43.892	ug/l	90
29) Tetrahydrofuran	7.561	42	275228	258.627	ug/l	96
30) Chloroform	7.708	83	507230	46.542	ug/l	98
31) Cyclohexane	7.985	56	449817	41.806	ug/l	93
32) 1,1,1-Trichloroethane	7.902	97	437766	45.540	ug/l	96
36) 1,1-Dichloropropene	8.108	75	377609	46.113	ug/l	97
37) Ethyl Acetate	7.290	43	188014	49.384	ug/l #	97
38) Carbon Tetrachloride	8.090	117	376858	46.537	ug/l	99
39) Methylcyclohexane	9.349	83	457459	48.213	ug/l	99
40) Benzene	8.343	78	1095481	49.559	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	107712	50.009	ug/l #	90
42) 1,2-Dichloroethane	8.420	62	317826	45.534	ug/l	96
43) Isopropyl Acetate	8.449	43	348069	50.867	ug/l	97
44) Trichloroethene	9.108	130	289493	50.723	ug/l	93
45) 1,2-Dichloropropane	9.384	63	284253	49.873	ug/l	100
46) Dibromomethane	9.467	93	154112	51.640	ug/l	95
47) Bromodichloromethane	9.655	83	390313	49.453	ug/l	99
48) Methyl methacrylate	9.449	41	178633	49.327	ug/l	92
49) 1,4-Dioxane	9.455	88	39117	1148.372	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	953439	266.263	ug/l	96
52) Toluene	10.396	92	707839	51.497	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	363426	50.135	ug/l	98
54) cis-1,3-Dichloropropene	10.084	75	424498	49.958	ug/l	91
55) 1,1,2-Trichloroethane	10.796	97	216269	54.603	ug/l	98
56) Ethyl methacrylate	10.655	69	279785	57.054	ug/l	89
57) 1,3-Dichloropropane	10.937	76	372347	52.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	587802	254.626	ug/l	97
59) 2-Hexanone	10.979	43	667226	256.726	ug/l	96
60) Dibromochloromethane	11.131	129	263134	53.800	ug/l	99
61) 1,2-Dibromoethane	11.237	107	207664	54.418	ug/l	100
64) Tetrachloroethene	10.867	164	236365	47.609	ug/l	95
65) Chlorobenzene	11.661	112	740178	49.849	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.737	131	272949	50.529	ug/l	98
67) Ethyl Benzene	11.737	91	1334924	48.859	ug/l	99
68) m/p-Xylenes	11.843	106	1035984	99.688	ug/l	99
69) o-Xylene	12.173	106	485276	51.384	ug/l	97
70) Styrene	12.184	104	847204	52.045	ug/l	98
71) Bromoform	12.349	173	160106	55.512	ug/l #	99
73) Isopropylbenzene	12.473	105	1305108	45.868	ug/l	99
74) N-amyl acetate	12.278	43	328913	47.005	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	254870	48.404	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	200192m	51.696	ug/l	
77) Bromobenzene	12.749	156	302565	47.803	ug/l	93
78) n-propylbenzene	12.808	91	1608786	45.092	ug/l	98
79) 2-Chlorotoluene	12.896	91	921831	45.594	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1105406	46.838	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	71434	45.356	ug/l	91
82) 4-Chlorotoluene	12.996	91	951022	45.211	ug/l	99
83) tert-Butylbenzene	13.214	119	947904	48.463	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	1089004	46.908	ug/l	99
85) sec-Butylbenzene	13.390	105	1451929	47.442	ug/l	99
86) p-Isopropyltoluene	13.502	119	1183036	47.570	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	605191	47.087	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	604323	47.113	ug/l	99
89) n-Butylbenzene	13.831	91	1135672	46.545	ug/l	99
90) Hexachloroethane	14.096	117	224635	45.442	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	535716	48.707	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	41184	47.227	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	334896	52.122	ug/l	98
94) Hexachlorobutadiene	15.249	225	183482	52.371	ug/l	98
95) Naphthalene	15.384	128	655166	51.288	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	296819	53.896	ug/l	99

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

