

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071753.D
 Acq On : 19 Jan 2022 19:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 20 05:01:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	266878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	453088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	443117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208960	60.851	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.700%			
35) Dibromofluoromethane	7.914	113	172096	57.474	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.940%			
50) Toluene-d8	10.332	98	644061	57.460	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.920%			
62) 4-Bromofluorobenzene	12.620	95	228191	57.774	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.540%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	87809	43.344	ug/l	99
3) Chloromethane	2.209	50	132790	50.081	ug/l	100
4) Vinyl Chloride	2.350	62	151190	45.564	ug/l	91
5) Bromomethane	2.761	94	104636	47.165	ug/l	99
6) Chloroethane	2.920	64	114704	48.507	ug/l	96
7) Trichlorofluoromethane	3.267	101	206455	43.890	ug/l	99
8) Diethyl Ether	3.708	74	63791	51.562	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	123329	44.857	ug/l	99
10) Methyl Iodide	4.297	142	101967	38.789	ug/l	99
11) Tert butyl alcohol	5.226	59	46392	277.200	ug/l #	92
12) 1,1-Dichloroethene	4.061	96	104514	43.806	ug/l	97
13) Acrolein	3.920	56	61123	182.367	ug/l	97
14) Allyl chloride	4.714	41	223995	47.349	ug/l	98
15) Acrylonitrile	5.414	53	190456	291.299	ug/l	98
16) Acetone	4.156	43	205437	259.123	ug/l	98
17) Carbon Disulfide	4.403	76	246915	41.314	ug/l	96
18) Methyl Acetate	4.714	43	134120	58.986	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	348904	55.401	ug/l	95
20) Methylene Chloride	4.961	84	146243	49.882	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	125875	46.200	ug/l	95
22) Diisopropyl ether	6.361	45	538551	52.868	ug/l	99
23) Vinyl Acetate	6.302	43	1368428	287.859	ug/l	99
24) 1,1-Dichloroethane	6.261	63	281018	48.330	ug/l	98
25) 2-Butanone	7.208	43	276944	295.655	ug/l	98
26) 2,2-Dichloropropane	7.208	77	221170	45.298	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	159314	49.540	ug/l	99
28) Bromochloromethane	7.544	49	150835	53.251	ug/l	100
29) Tetrahydrofuran	7.561	42	167350	310.558	ug/l	99
30) Chloroform	7.708	83	304853	51.272	ug/l	97
31) Cyclohexane	7.985	56	206877	43.563	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	247856	47.296	ug/l	98
36) 1,1-Dichloropropene	8.108	75	197435	46.223	ug/l	99
37) Ethyl Acetate	7.291	43	117651	59.348	ug/l	97
38) Carbon Tetrachloride	8.091	117	209675	48.473	ug/l	96
39) Methylcyclohexane	9.349	83	200629	43.486	ug/l	97
40) Benzene	8.349	78	573434	48.726	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	76785	62.534	ug/l	92
42) 1,2-Dichloroethane	8.420	62	207861	52.178	ug/l	99
43) Isopropyl Acetate	8.449	43	223867	59.991	ug/l	98
44) Trichloroethene	9.108	130	141963	46.873	ug/l	93
45) 1,2-Dichloropropane	9.385	63	166345	52.287	ug/l	100
46) Dibromomethane	9.473	93	87879	53.968	ug/l	98
47) Bromodichloromethane	9.655	83	240841	53.871	ug/l	98
48) Methyl methacrylate	9.449	41	101316	53.727	ug/l	98
49) 1,4-Dioxane	9.455	88	22253	1363.097	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	622331	315.724	ug/l	99
52) Toluene	10.396	92	374649	50.575	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	211274	53.873	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	243024	52.556	ug/l	98
55) 1,1,2-Trichloroethane	10.790	97	124448	58.298	ug/l	95
56) Ethyl methacrylate	10.655	69	159247	60.860	ug/l	96
57) 1,3-Dichloropropane	10.938	76	216968	55.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	430144	297.784	ug/l	100
59) 2-Hexanone	10.979	43	444153	322.615	ug/l	98
60) Dibromochloromethane	11.132	129	155569	57.253	ug/l	99
61) 1,2-Dibromoethane	11.238	107	115202	56.407	ug/l	99
64) Tetrachloroethene	10.873	164	121105	46.527	ug/l	94
65) Chlorobenzene	11.661	112	409224	48.261	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	159643	49.653	ug/l	98
67) Ethyl Benzene	11.737	91	743049	47.732	ug/l	97
68) m/p-Xylenes	11.849	106	565457	97.666	ug/l	98
69) o-Xylene	12.173	106	261790	47.772	ug/l	96
70) Styrene	12.185	104	485569	51.695	ug/l	99
71) Bromoform	12.349	173	89990	57.321	ug/l #	99
73) Isopropylbenzene	12.467	105	714183	43.851	ug/l	99
74) N-amyl acetate	12.279	43	221626	55.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	149148	51.679	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	122309m	55.851	ug/l	
77) Bromobenzene	12.749	156	164075	46.638	ug/l	97
78) n-propylbenzene	12.808	91	902330	44.052	ug/l	100
79) 2-Chlorotoluene	12.896	91	520904	45.121	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	615916	45.261	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	42012	53.483	ug/l	93
82) 4-Chlorotoluene	12.996	91	547111	45.680	ug/l	99
83) tert-Butylbenzene	13.214	119	522306	44.918	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	618468	45.958	ug/l	99
85) sec-Butylbenzene	13.390	105	791146	44.422	ug/l	100
86) p-Isopropyltoluene	13.502	119	662057	45.277	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	343299	47.285	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	335266	45.264	ug/l	100
89) n-Butylbenzene	13.832	91	644197	43.991	ug/l	99
90) Hexachloroethane	14.096	117	129186	44.654	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	300127	48.234	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24986	53.865	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	175288	48.882	ug/l	98
94) Hexachlorobutadiene	15.249	225	90416	43.010	ug/l	98
95) Naphthalene	15.384	128	351318	55.335	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	153293	50.168	ug/l	99

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

