

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071755.D
 Acq On : 20 Jan 2022 10:04
 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: Jan 21 03:14:13 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 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	292940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	481781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	453049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	224585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	205153	54.427	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.860%			
35) Dibromofluoromethane	7.914	113	176596	55.464	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.920%			
50) Toluene-d8	10.332	98	683631	57.358	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.720%			
62) 4-Bromofluorobenzene	12.620	95	235316	56.030	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	106225	47.826	ug/l	99
3) Chloromethane	2.209	50	147311	50.626	ug/l	100
4) Vinyl Chloride	2.350	62	182793	50.187	ug/l	99
5) Bromomethane	2.774	94	120881	49.677	ug/l	96
6) Chloroethane	2.921	64	128364	49.454	ug/l	94
7) Trichlorofluoromethane	3.273	101	246480	47.737	ug/l	91
8) Diethyl Ether	3.709	74	67119	49.425	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	149331	49.482	ug/l	97
10) Methyl Iodide	4.303	142	125130	43.366	ug/l	99
11) Tert butyl alcohol	5.220	59	41875	209.016	ug/l #	91
12) 1,1-Dichloroethene	4.068	96	122804	46.893	ug/l	88
13) Acrolein	3.926	56	50622	137.599	ug/l	97
14) Allyl chloride	4.715	41	255912	49.283	ug/l	100
15) Acrylonitrile	5.415	53	183775	256.074	ug/l	100
16) Acetone	4.156	43	250894	288.305	ug/l	95
17) Carbon Disulfide	4.409	76	297319	45.276	ug/l	100
18) Methyl Acetate	4.715	43	128137	51.286	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	353913	51.196	ug/l	98
20) Methylene Chloride	4.968	84	162925	50.670	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	148072	49.512	ug/l	100
22) Diisopropyl ether	6.362	45	596202	53.321	ug/l	97
23) Vinyl Acetate	6.303	43	1424707	273.035	ug/l	99
24) 1,1-Dichloroethane	6.262	63	323086	50.622	ug/l	98
25) 2-Butanone	7.209	43	278778	271.135	ug/l	92
26) 2,2-Dichloropropane	7.209	77	272450	50.836	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	176734	50.068	ug/l	98
28) Bromochloromethane	7.544	49	144694	46.538	ug/l	96
29) Tetrahydrofuran	7.561	42	156768	265.038	ug/l	98
30) Chloroform	7.703	83	343492	52.630	ug/l	99
31) Cyclohexane	7.985	56	255860	49.043	ug/l #	97
32) 1,1,1-Trichloroethane	7.903	97	296070	51.470	ug/l	99
36) 1,1-Dichloropropene	8.109	75	234370	51.603	ug/l	98
37) Ethyl Acetate	7.297	43	111958	53.112	ug/l	96
38) Carbon Tetrachloride	8.091	117	254851	55.408	ug/l	97
39) Methylcyclohexane	9.350	83	243841	49.704	ug/l	96
40) Benzene	8.350	78	657700	52.557	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	66378	51.051	ug/l	96
42) 1,2-Dichloroethane	8.420	62	219888	51.909	ug/l	99
43) Isopropyl Acetate	8.450	43	220718	55.625	ug/l	100
44) Trichloroethene	9.108	130	167407	51.983	ug/l	99
45) 1,2-Dichloropropane	9.379	63	182443	53.932	ug/l	100
46) Dibromomethane	9.473	93	91435	52.807	ug/l	98
47) Bromodichloromethane	9.656	83	263634	55.458	ug/l	96
48) Methyl methacrylate	9.450	41	111438	55.575	ug/l	91
49) 1,4-Dioxane	9.456	88	20741	1194.815	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	601953	287.198	ug/l	99
52) Toluene	10.397	92	431863	54.826	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	234258	56.176	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	265681	54.034	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	129981	57.263	ug/l	98
56) Ethyl methacrylate	10.655	69	160572	57.711	ug/l	96
57) 1,3-Dichloropropane	10.938	76	228204	54.404	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	392189	255.338	ug/l	99
59) 2-Hexanone	10.979	43	450794	307.938	ug/l	100
60) Dibromochloromethane	11.132	129	163393	56.551	ug/l	100
61) 1,2-Dibromoethane	11.238	107	117201	53.968	ug/l	98
64) Tetrachloroethene	10.873	164	142219	53.441	ug/l	95
65) Chlorobenzene	11.661	112	455810	52.576	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	174504	53.085	ug/l	99
67) Ethyl Benzene	11.738	91	866882	54.466	ug/l	98
68) m/p-Xylenes	11.844	106	663783	112.135	ug/l	96
69) o-Xylene	12.173	106	306731	54.746	ug/l	100
70) Styrene	12.185	104	544158	56.663	ug/l	99
71) Bromoform	12.349	173	88742	55.287	ug/l #	98
73) Isopropylbenzene	12.473	105	842909	52.227	ug/l	98
74) N-amyl acetate	12.279	43	216003	54.561	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	150529	52.634	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	99040m	45.638	ug/l	
77) Bromobenzene	12.749	156	179190	51.399	ug/l	99
78) n-propylbenzene	12.808	91	1084861	53.447	ug/l	99
79) 2-Chlorotoluene	12.897	91	590068	51.578	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	721014	53.468	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	42848	55.046	ug/l	95
82) 4-Chlorotoluene	12.997	91	624479	52.616	ug/l	100
83) tert-Butylbenzene	13.214	119	619154	53.733	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	708841	53.154	ug/l	99
85) sec-Butylbenzene	13.391	105	965826	54.725	ug/l	99
86) p-Isopropyltoluene	13.508	119	779702	53.809	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	383575	53.314	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	371746	50.647	ug/l	99
89) n-Butylbenzene	13.832	91	778167	53.625	ug/l	100
90) Hexachloroethane	14.096	117	154850	54.014	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	331748	53.803	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	25241	54.912	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	191161	53.795	ug/l	99
94) Hexachlorobutadiene	15.249	225	109206	52.422	ug/l	99
95) Naphthalene	15.385	128	348335	55.366	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	164992	54.490	ug/l	99

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

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