

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
 Data File : VD070532.D
 Acq On : 30 Sep 2021 10:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/1/2021 10:48:33 AM

Quant Time: Oct 01 02:02:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	365288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	630630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	586964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	273725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	193428	41.239	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.480%		
35) Dibromofluoromethane	7.915	113	209732	46.722	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.440%		
50) Toluene-d8	10.332	98	810010	49.700	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.400%		
62) 4-Bromofluorobenzene	12.626	95	271967	47.747	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	174911	47.693	ug/l	99
3) Chloromethane	2.209	50	217526	43.493	ug/l	96
4) Vinyl Chloride	2.350	62	269085	46.819	ug/l	99
5) Bromomethane	2.762	94	169838	48.510	ug/l	98
6) Chloroethane	2.921	64	176296	50.722	ug/l	99
7) Trichlorofluoromethane	3.274	101	368010	48.411	ug/l	100
8) Diethyl Ether	3.703	74	98346	46.799	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	232715	49.283	ug/l	100
10) Methyl Iodide	4.303	142	218180	48.301	ug/l	98
11) Tert butyl alcohol	5.215	59	49440	93.225	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	208937	49.130	ug/l	99
13) Acrolein	3.921	56	45909	196.893	ug/l	98
14) Allyl chloride	4.709	41	297826	47.657	ug/l	99
15) Acrylonitrile	5.415	53	224642	224.360	ug/l	98
16) Acetone	4.150	43	233615	278.977	ug/l	99
17) Carbon Disulfide	4.409	76	658494	41.967	ug/l	99
18) Methyl Acetate	4.709	43	103818	45.022	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	443310	48.236	ug/l	97
20) Methylene Chloride	4.962	84	243202	46.032	ug/l	96
21) trans-1,2-Dichloroethene	5.468	96	244284	48.254	ug/l	99
22) Diisopropyl ether	6.356	45	653281	48.841	ug/l	99
23) Vinyl Acetate	6.297	43	1477337	238.415	ug/l	99
24) 1,1-Dichloroethane	6.262	63	434557	45.917	ug/l	98
25) 2-Butanone	7.209	43	256388	230.004	ug/l	100
26) 2,2-Dichloropropane	7.203	77	385405	50.381	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	263274	48.413	ug/l	99
28) Bromochloromethane	7.544	49	178941	47.653	ug/l	98
29) Tetrahydrofuran	7.562	42	162962	227.737	ug/l	96
30) Chloroform	7.709	83	455858	46.984	ug/l	98
31) Cyclohexane	7.985	56	386435	47.829	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	404049	49.476	ug/l	99
36) 1,1-Dichloropropene	8.109	75	350304	51.969	ug/l	99
37) Ethyl Acetate	7.291	43	116239	46.116	ug/l	97
38) Carbon Tetrachloride	8.091	117	357531	53.631	ug/l	96
39) Methylcyclohexane	9.356	83	410286	54.485	ug/l	99
40) Benzene	8.344	78	1000455	50.647	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	64597	48.710	ug/l	92
42) 1,2-Dichloroethane	8.420	62	246247	46.544	ug/l	100
43) Isopropyl Acetate	8.450	43	208506	44.739	ug/l	99
44) Trichloroethene	9.109	130	238253	50.467	ug/l	83
45) 1,2-Dichloropropane	9.385	63	252990	48.816	ug/l	94
46) Dibromomethane	9.467	93	123296	46.200	ug/l	98
47) Bromodichloromethane	9.656	83	327260	48.067	ug/l	99
48) Methyl methacrylate	9.450	41	103225	47.971	ug/l	98
49) 1,4-Dioxane	9.461	88	27445	1026.750	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	568994	235.938	ug/l	99
52) Toluene	10.397	92	634641	53.172	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	297438	50.787	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	366679	51.446	ug/l	100
55) 1,1,2-Trichloroethane	10.791	97	174247	47.462	ug/l	96
56) Ethyl methacrylate	10.656	69	206086	51.421	ug/l	99
57) 1,3-Dichloropropane	10.938	76	301103	48.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	506181	262.041	ug/l	100
59) 2-Hexanone	10.979	43	423081	262.942	ug/l	100
60) Dibromochloromethane	11.132	129	205965	48.206	ug/l	98
61) 1,2-Dibromoethane	11.238	107	164481	48.715	ug/l	98
64) Tetrachloroethene	10.867	164	196487	54.981	ug/l	96
65) Chlorobenzene	11.661	112	637150	52.399	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	235339	52.844	ug/l	98
67) Ethyl Benzene	11.738	91	1194331	56.952	ug/l	99
68) m/p-Xylenes	11.844	106	934427	115.371	ug/l	98
69) o-Xylene	12.173	106	424899	58.559	ug/l	100
70) Styrene	12.185	104	743883	58.687	ug/l	100
71) Bromoform	12.355	173	108699	49.384	ug/l #	95
73) Isopropylbenzene	12.473	105	1135238	59.139	ug/l	100
74) N-amyl acetate	12.279	43	204247	48.833	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	189422	46.073	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	127699m	46.121	ug/l	
77) Bromobenzene	12.750	156	227132	51.286	ug/l	98
78) n-propylbenzene	12.808	91	1455524	58.420	ug/l	99
79) 2-Chlorotoluene	12.897	91	810880	55.836	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	970075	58.554	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	55956	50.637	ug/l	96
82) 4-Chlorotoluene	12.997	91	852402	55.638	ug/l	99
83) tert-Butylbenzene	13.214	119	803032	60.437	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	956002	58.599	ug/l	99
85) sec-Butylbenzene	13.391	105	1263093	59.804	ug/l	98
86) p-Isopropyltoluene	13.508	119	1032035	60.817	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	492400	53.403	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	471003	50.892	ug/l	99
89) n-Butylbenzene	13.832	91	992813	58.680	ug/l	99
90) Hexachloroethane	14.097	117	201725	51.930	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	409715	50.362	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	27596	44.818	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	229722	52.290	ug/l	99
94) Hexachlorobutadiene	15.249	225	144846	53.752	ug/l	99
95) Naphthalene	15.385	128	417851	52.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	199030	51.347	ug/l	99

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

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