

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070244.D
 Acq On : 25 Aug 2021 11:42
 Operator : VA/SY
 Sample : VD0825SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2021 4:58:33 PM

Quant Time: Aug 25 14:44:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	434808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	793736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	750069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	357467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	274569	53.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.380%	
35) Dibromofluoromethane	7.914	113	268240	52.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.620%	
50) Toluene-d8	10.338	98	1074576	53.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.760%	
62) 4-Bromofluorobenzene	12.626	95	358934	54.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	111044	23.203	ug/l	96
3) Chloromethane	2.209	50	141845	20.969	ug/l	96
4) Vinyl Chloride	2.350	62	147765	20.080	ug/l	100
5) Bromomethane	2.756	94	106002	24.034	ug/l	99
6) Chloroethane	2.909	64	94709	20.146	ug/l	93
7) Trichlorofluoromethane	3.267	101	200673	22.705	ug/l	98
8) Diethyl Ether	3.714	74	52274	20.667	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	119990	21.340	ug/l	98
10) Methyl Iodide	4.297	142	95647	18.605	ug/l	98
11) Tert butyl alcohol	5.208	59	26348	93.212	ug/l #	71
12) 1,1-Dichloroethene	4.067	96	105422	20.408	ug/l	92
13) Acrolein	3.920	56	21057	64.672	ug/l	93
14) Allyl chloride	4.709	41	152953	19.844	ug/l	98
15) Acrylonitrile	5.420	53	120428	102.681	ug/l	99
16) Acetone	4.161	43	92747	98.448	ug/l	94
17) Carbon Disulfide	4.403	76	374127	20.032	ug/l	99
18) Methyl Acetate	4.720	43	60593	21.573	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	218823	20.411	ug/l	94
20) Methylene Chloride	4.961	84	155046	19.113	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	123821	20.636	ug/l	97
22) Diisopropyl ether	6.361	45	354356	21.859	ug/l	99
23) Vinyl Acetate	6.303	43	733574	99.851	ug/l	99
24) 1,1-Dichloroethane	6.261	63	239103	21.558	ug/l	99
25) 2-Butanone	7.208	43	129359	100.489	ug/l	93
26) 2,2-Dichloropropane	7.202	77	172486	19.974	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	130735	20.516	ug/l	99
28) Bromochloromethane	7.544	49	97025	24.039	ug/l	96
29) Tetrahydrofuran	7.561	42	81518	96.707	ug/l	98
30) Chloroform	7.708	83	234175	21.469	ug/l	97
31) Cyclohexane	7.985	56	199082	19.668	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	196361	21.543	ug/l	98
36) 1,1-Dichloropropene	8.108	75	181962	21.310	ug/l	98
37) Ethyl Acetate	7.291	43	64276	20.724	ug/l	99
38) Carbon Tetrachloride	8.091	117	158792	20.484	ug/l	91
39) Methylcyclohexane	9.349	83	197804	19.896	ug/l	95
40) Benzene	8.350	78	514582	20.777	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	36317	21.658	ug/l	92
42) 1,2-Dichloroethane	8.420	62	135882	21.407	ug/l	99
43) Isopropyl Acetate	8.450	43	121573	20.996	ug/l	99
44) Trichloroethene	9.108	130	122750	20.517	ug/l	91
45) 1,2-Dichloropropane	9.385	63	135489	21.061	ug/l	93
46) Dibromomethane	9.473	93	67805	21.700	ug/l	94
47) Bromodichloromethane	9.655	83	174929	21.638	ug/l #	97
48) Methyl methacrylate	9.449	41	54550	19.755	ug/l	95
49) 1,4-Dioxane	9.461	88	14059	413.439	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	310146	103.011	ug/l	98
52) Toluene	10.396	92	319249	21.178	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	149485	20.876	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	177437	20.415	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	92944	20.994	ug/l	98
56) Ethyl methacrylate	10.655	69	97992	19.450	ug/l	96
57) 1,3-Dichloropropane	10.943	76	158984	20.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	259372	97.608	ug/l	99
59) 2-Hexanone	10.979	43	201557	99.962	ug/l	97
60) Dibromochloromethane	11.132	129	104657	20.636	ug/l	100
61) 1,2-Dibromoethane	11.238	107	82829	20.666	ug/l	96
64) Tetrachloroethene	10.873	164	98600	20.377	ug/l	95
65) Chlorobenzene	11.667	112	321408	20.509	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	117543	21.120	ug/l	99
67) Ethyl Benzene	11.738	91	561664	20.270	ug/l	98
68) m/p-Xylenes	11.849	106	449200	41.833	ug/l	98
69) o-Xylene	12.173	106	191834	19.799	ug/l	97
70) Styrene	12.190	104	349450	20.593	ug/l	99
71) Bromoform	12.349	173	54462	20.085	ug/l #	96
73) Isopropylbenzene	12.473	105	519574	19.932	ug/l	99
74) N-amyl acetate	12.279	43	112923	20.092	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	107196	20.610	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	72043m	19.873	ug/l	
77) Bromobenzene	12.749	156	118359	20.457	ug/l	99
78) n-propylbenzene	12.814	91	691716	20.576	ug/l	100
79) 2-Chlorotoluene	12.902	91	393608	20.350	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	456110	20.553	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	26961	19.304	ug/l	96
82) 4-Chlorotoluene	12.996	91	420917	20.784	ug/l	100
83) tert-Butylbenzene	13.214	119	360144	19.966	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	446129	20.266	ug/l	99
85) sec-Butylbenzene	13.390	105	582693	20.162	ug/l	98
86) p-Isopropyltoluene	13.508	119	472239	20.226	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	251909	20.492	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	246311	20.229	ug/l	97
89) n-Butylbenzene	13.832	91	451852	19.721	ug/l	98
90) Hexachloroethane	14.102	117	101967	20.695	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	213779	20.295	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	15081	19.412	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	113248	19.333	ug/l	98
94) Hexachlorobutadiene	15.255	225	69527	20.093	ug/l	97
95) Naphthalene	15.390	128	195988	18.383	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	98507	19.264	ug/l	98

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

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