

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069864.D
 Acq On : 27 Jul 2021 14:02
 Operator : VA/SY
 Sample : VD0727SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:56:27 PM

Quant Time: Jul 28 03:58:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	600318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1085722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1022489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	463720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	348433	50.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.940%	
35) Dibromofluoromethane	7.909	113	346472	50.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.240%	
50) Toluene-d8	10.338	98	1346155	51.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.626	95	462907	52.483	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	129464	20.489	ug/l	99
3) Chloromethane	2.209	50	178163	19.438	ug/l	99
4) Vinyl Chloride	2.344	62	196653	20.398	ug/l	99
5) Bromomethane	2.750	94	124435	20.760	ug/l	97
6) Chloroethane	2.915	64	121163	19.390	ug/l	92
7) Trichlorofluoromethane	3.268	101	231941	19.489	ug/l	96
8) Diethyl Ether	3.715	74	67347	20.118	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.085	101	147125	19.465	ug/l	99
10) Methyl Iodide	4.303	142	121694	18.640	ug/l	99
11) Tert butyl alcohol	5.232	59	38014	106.406	ug/l #	73
12) 1,1-Dichloroethene	4.056	96	135316	19.701	ug/l	92
13) Acrolein	3.921	56	52918	105.815	ug/l	98
14) Allyl chloride	4.709	41	208486	20.703	ug/l	97
15) Acrylonitrile	5.420	53	161778	102.732	ug/l	99
16) Acetone	4.156	43	119870	96.110	ug/l	99
17) Carbon Disulfide	4.409	76	477253	19.433	ug/l	100
18) Methyl Acetate	4.720	43	75771	20.938	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	294474	20.693	ug/l	98
20) Methylene Chloride	4.962	84	208470	19.183	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	159069	19.654	ug/l	99
22) Diisopropyl ether	6.362	45	465389	21.268	ug/l	98
23) Vinyl Acetate	6.303	43	1078034	102.617	ug/l	97
24) 1,1-Dichloroethane	6.262	63	301569	19.953	ug/l	99
25) 2-Butanone	7.209	43	174982	103.455	ug/l	99
26) 2,2-Dichloropropane	7.209	77	230811	20.083	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	174611	20.219	ug/l	97
28) Bromochloromethane	7.544	49	128841	22.452	ug/l	97
29) Tetrahydrofuran	7.562	42	118055	107.885	ug/l	99
30) Chloroform	7.709	83	297566	19.582	ug/l	92
31) Cyclohexane	7.979	56	267937	19.862	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	245330	19.504	ug/l	99
36) 1,1-Dichloropropene	8.109	75	226302	19.315	ug/l	99
37) Ethyl Acetate	7.291	43	87947	20.619	ug/l	98
38) Carbon Tetrachloride	8.091	117	207440	19.382	ug/l	98
39) Methylcyclohexane	9.350	83	257306	19.175	ug/l	97
40) Benzene	8.350	78	668514	19.694	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	42902	19.166	ug/l	98
42) 1,2-Dichloroethane	8.420	62	176114	19.618	ug/l	99
43) Isopropyl Acetate	8.450	43	158099	20.666	ug/l	100
44) Trichloroethene	9.108	130	161338	19.300	ug/l	99
45) 1,2-Dichloropropane	9.385	63	174017	19.517	ug/l	98
46) Dibromomethane	9.467	93	85124	19.423	ug/l	98
47) Bromodichloromethane	9.661	83	222559	19.545	ug/l	98
48) Methyl methacrylate	9.456	41	69172	18.796	ug/l	90
49) 1,4-Dioxane	9.456	88	18343	396.143	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	411411	103.347	ug/l	99
52) Toluene	10.397	92	417507	20.276	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	194856	20.387	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	237989	20.567	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	120752	19.506	ug/l	98
56) Ethyl methacrylate	10.655	69	135399	20.208	ug/l	97
57) 1,3-Dichloropropane	10.938	76	207446	19.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	323758	109.016	ug/l	97
59) 2-Hexanone	10.979	43	268915	102.126	ug/l	100
60) Dibromochloromethane	11.132	129	139871	19.951	ug/l	97
61) 1,2-Dibromoethane	11.238	107	111494	20.004	ug/l	100
64) Tetrachloroethene	10.873	164	129280	19.835	ug/l	99
65) Chlorobenzene	11.667	112	422141	19.927	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	150828	19.792	ug/l	98
67) Ethyl Benzene	11.738	91	743764	19.942	ug/l	100
68) m/p-Xylenes	11.850	106	583179	40.336	ug/l	99
69) o-Xylene	12.173	106	257671	19.604	ug/l	99
70) Styrene	12.191	104	465254	20.425	ug/l	99
71) Bromoform	12.350	173	74575	20.151	ug/l #	100
73) Isopropylbenzene	12.473	105	680448	20.422	ug/l	99
74) N-amyl acetate	12.279	43	147371	21.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	138597	20.829	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	95089m	19.292	ug/l	
77) Bromobenzene	12.749	156	153728	20.485	ug/l	100
78) n-propylbenzene	12.814	91	893740	20.885	ug/l	100
79) 2-Chlorotoluene	12.902	91	512860	20.632	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	590219	20.708	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	34468	21.215	ug/l	95
82) 4-Chlorotoluene	12.997	91	542644	20.881	ug/l	99
83) tert-Butylbenzene	13.214	119	473311	20.425	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	596855	21.227	ug/l	98
85) sec-Butylbenzene	13.391	105	753104	20.557	ug/l	100
86) p-Isopropyltoluene	13.508	119	605086	20.331	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	318806	20.235	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	316204	20.136	ug/l	98
89) n-Butylbenzene	13.832	91	590935	20.119	ug/l	100
90) Hexachloroethane	14.102	117	123195	19.541	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	275311	20.246	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	20058	20.934	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	150650	20.534	ug/l	100
94) Hexachlorobutadiene	15.255	225	89104	19.854	ug/l	98
95) Naphthalene	15.391	128	270007	21.032	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	132607	20.900	ug/l	100

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

