

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD069997.D
 Acq On : 09 Aug 2021 15:24
 Operator : VA/SY
 Sample : VD0809SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 6:08:34 PM

Quant Time: Aug 10 07:03:07 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	533262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	954564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	889617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	420403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	298451	48.663	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.320%		
35) Dibromofluoromethane	7.914	113	301441	50.093	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.180%		
50) Toluene-d8	10.338	98	1174911	50.635	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.280%		
62) 4-Bromofluorobenzene	12.626	95	401815	51.816	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	115758	20.624	ug/l	95
3) Chloromethane	2.209	50	167540	20.577	ug/l	95
4) Vinyl Chloride	2.344	62	181141	21.152	ug/l	99
5) Bromomethane	2.750	94	115175	21.715	ug/l	99
6) Chloroethane	2.909	64	116255	20.944	ug/l	93
7) Trichlorofluoromethane	3.268	101	224040	21.192	ug/l	94
8) Diethyl Ether	3.703	74	66320	22.302	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	140792	20.969	ug/l	100
10) Methyl Iodide	4.297	142	111395	19.103	ug/l	99
11) Tert butyl alcohol	5.232	59	40192	126.649	ug/l	98
12) 1,1-Dichloroethene	4.068	96	131323	21.524	ug/l	94
13) Acrolein	3.915	56	34316	77.247	ug/l	95
14) Allyl chloride	4.715	41	189938	21.233	ug/l	99
15) Acrylonitrile	5.420	53	156926	112.181	ug/l	100
16) Acetone	4.156	43	126347	114.042	ug/l	96
17) Carbon Disulfide	4.403	76	446360	20.461	ug/l	100
18) Methyl Acetate	4.721	43	73669	22.917	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	280744	22.208	ug/l	96
20) Methylene Chloride	4.962	84	240370	27.055	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	152280	21.181	ug/l	97
22) Diisopropyl ether	6.362	45	440492	22.661	ug/l	96
23) Vinyl Acetate	6.303	43	1039810	109.678	ug/l	99
24) 1,1-Dichloroethane	6.268	63	287030	21.379	ug/l	99
25) 2-Butanone	7.215	43	174774	116.326	ug/l	95
26) 2,2-Dichloropropane	7.209	77	217723	21.327	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	159813	20.832	ug/l	98
28) Bromochloromethane	7.550	49	115918	22.740	ug/l	97
29) Tetrahydrofuran	7.556	42	113100	116.353	ug/l	97
30) Chloroform	7.709	83	282293	20.913	ug/l	98
31) Cyclohexane	7.985	56	250217	20.880	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	235179	21.049	ug/l	98
36) 1,1-Dichloropropene	8.109	75	222637	21.613	ug/l	99
37) Ethyl Acetate	7.297	43	84280	22.474	ug/l	98
38) Carbon Tetrachloride	8.097	117	196480	20.881	ug/l	98
39) Methylcyclohexane	9.350	83	243874	20.671	ug/l	98
40) Benzene	8.350	78	631756	21.169	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	48586	24.688	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	165419	20.959	ug/l	100
43) Isopropyl Acetate	8.450	43	153597	22.837	ug/l	99
44) Trichloroethene	9.109	130	152009	20.683	ug/l	98
45) 1,2-Dichloropropane	9.385	63	165216	21.076	ug/l	99
46) Dibromomethane	9.473	93	79530	20.640	ug/l	99
47) Bromodichloromethane	9.661	83	208069	20.784	ug/l	99
48) Methyl methacrylate	9.450	41	72264	21.817	ug/l	96
49) 1,4-Dioxane	9.461	88	17391	427.189	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	407100	116.315	ug/l	98
52) Toluene	10.397	92	392529	21.682	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	183185	21.799	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	220456	21.669	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	115836	21.283	ug/l	97
56) Ethyl methacrylate	10.656	69	126991	21.297	ug/l	99
57) 1,3-Dichloropropane	10.938	76	198643	21.569	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	277899	106.926	ug/l	99
59) 2-Hexanone	10.979	43	271081	117.094	ug/l	99
60) Dibromochloromethane	11.132	129	129873	21.070	ug/l	100
61) 1,2-Dibromoethane	11.238	107	103522	21.126	ug/l	99
64) Tetrachloroethene	10.873	164	120745	21.292	ug/l	96
65) Chlorobenzene	11.667	112	396324	21.503	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	139358	21.018	ug/l	97
67) Ethyl Benzene	11.738	91	700851	21.599	ug/l	99
68) m/p-Xylenes	11.850	106	555128	44.131	ug/l	99
69) o-Xylene	12.173	106	247976	21.684	ug/l	99
70) Styrene	12.191	104	437075	22.054	ug/l	99
71) Bromoform	12.355	173	69345	21.536	ug/l #	98
73) Isopropylbenzene	12.473	105	662778	21.942	ug/l	100
74) N-amyl acetate	12.279	43	145124	23.357	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	134318	22.266	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	104624m	23.413	ug/l	
77) Bromobenzene	12.755	156	143322	21.067	ug/l	100
78) n-propylbenzene	12.814	91	864044	22.271	ug/l	100
79) 2-Chlorotoluene	12.897	91	495843	22.003	ug/l	100
80) 1,3,5-Trimethylbenzene	12.950	105	574230	22.223	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	35680	24.223	ug/l	97
82) 4-Chlorotoluene	12.997	91	523530	22.222	ug/l	99
83) tert-Butylbenzene	13.214	119	460911	21.939	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	561825	22.040	ug/l	99
85) sec-Butylbenzene	13.391	105	738689	22.242	ug/l	99
86) p-Isopropyltoluene	13.502	119	601095	22.278	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	306056	21.427	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	303471	21.316	ug/l	99
89) n-Butylbenzene	13.832	91	578743	21.734	ug/l	100
90) Hexachloroethane	14.102	117	122054	21.355	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	264647	21.467	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	20580	23.692	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	146295	21.995	ug/l	98
94) Hexachlorobutadiene	15.249	225	85555	21.027	ug/l	98
95) Naphthalene	15.385	128	259062	21.967	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	129083	22.441	ug/l	100

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

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