

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062221\
 Data File : VD069513.D
 Acq On : 22 Jun 2021 13:52
 Operator : VA/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Manual Integrations
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 6/23/2021 5:31:10 PM

Quant Time: Jun 23 04:26:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	542717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	960140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	916674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	429463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	364656	53.904	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.800%			
35) Dibromofluoromethane	7.914	113	352007	54.235	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.480%			
50) Toluene-d8	10.338	98	1329165	54.597	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.200%			
62) 4-Bromofluorobenzene	12.626	95	437004	54.601	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	99510	19.116	ug/l	96
3) Chloromethane	2.209	50	149912	19.688	ug/l	98
4) Vinyl Chloride	2.350	62	162624	19.159	ug/l	99
5) Bromomethane	2.756	94	109346	20.324	ug/l	95
6) Chloroethane	2.915	64	108456	19.182	ug/l #	88
7) Trichlorofluoromethane	3.274	101	204652	20.302	ug/l	98
8) Diethyl Ether	3.715	74	53337	20.003	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	125248	20.315	ug/l	96
10) Methyl Iodide	4.297	142	86459	17.956	ug/l	97
11) Tert butyl alcohol	5.215	59	46557	106.726	ug/l #	95
12) 1,1-Dichloroethene	4.062	96	106619	19.894	ug/l	90
13) Acrolein	3.921	56	30895	82.052	ug/l	100
14) Allyl chloride	4.709	41	151895	20.217	ug/l	96
15) Acrylonitrile	5.420	53	114833	102.591	ug/l	99
16) Acetone	4.156	43	96138	84.433	ug/l	95
17) Carbon Disulfide	4.409	76	335206	18.998	ug/l	99
18) Methyl Acetate	4.721	43	70361	23.432	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	203665	19.337	ug/l	98
20) Methylene Chloride	4.962	84	197142	23.863	ug/l	97
21) trans-1,2-Dichloroethene	5.468	96	129475	20.024	ug/l	96
22) Diisopropyl ether	6.362	45	323169	21.346	ug/l	98
23) Vinyl Acetate	6.309	43	774974	93.379	ug/l	98
24) 1,1-Dichloroethane	6.262	63	248341	20.709	ug/l	96
25) 2-Butanone	7.209	43	136852	94.583	ug/l	98
26) 2,2-Dichloropropane	7.203	77	195872	19.980	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	144090	20.509	ug/l	98
28) Bromochloromethane	7.544	49	96428	20.531	ug/l	99
29) Tetrahydrofuran	7.562	42	76574	96.532	ug/l	98
30) Chloroform	7.709	83	276152	21.785	ug/l	97
31) Cyclohexane	7.985	56	167741	18.416	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	218413	20.908	ug/l	98
36) 1,1-Dichloropropene	8.109	75	187038	19.849	ug/l	100
37) Ethyl Acetate	7.297	43	67606	19.333	ug/l	97
38) Carbon Tetrachloride	8.097	117	188016	20.160	ug/l	98
39) Methylcyclohexane	9.356	83	163772	17.619	ug/l	97
40) Benzene	8.350	78	554133	20.398	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	32506	15.974	ug/l #	95
42) 1,2-Dichloroethane	8.420	62	160016	20.274	ug/l	97
43) Isopropyl Acetate	8.450	43	122778	19.327	ug/l	99
44) Trichloroethene	9.109	130	135893	19.824	ug/l	95
45) 1,2-Dichloropropane	9.385	63	142763	20.472	ug/l	98
46) Dibromomethane	9.473	93	73544	20.137	ug/l	98
47) Bromodichloromethane	9.661	83	209474	21.359	ug/l	98
48) Methyl methacrylate	9.456	41	55737	18.469	ug/l	94
49) 1,4-Dioxane	9.461	88	14297	397.386	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	327024	97.892	ug/l	97
52) Toluene	10.403	92	345981	20.639	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	170035	20.052	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	208124	20.410	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	106551	20.660	ug/l	99
56) Ethyl methacrylate	10.655	69	99746	18.183	ug/l	96
57) 1,3-Dichloropropane	10.944	76	182667	20.962	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	287455	97.362	ug/l	99
59) 2-Hexanone	10.979	43	206659	91.672	ug/l	97
60) Dibromochloromethane	11.138	129	129433	21.293	ug/l	97
61) 1,2-Dibromoethane	11.244	107	100059	21.041	ug/l	98
64) Tetrachloroethene	10.873	164	114587	19.905	ug/l	95
65) Chlorobenzene	11.667	112	365368	20.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	138320	20.868	ug/l	98
67) Ethyl Benzene	11.738	91	613030	19.248	ug/l	100
68) m/p-Xylenes	11.850	106	480453	40.066	ug/l	98
69) o-Xylene	12.173	106	206496	19.210	ug/l	95
70) Styrene	12.191	104	380519	20.097	ug/l	99
71) Bromoform	12.355	173	67606	20.126	ug/l #	100
73) Isopropylbenzene	12.473	105	559002	18.892	ug/l	100
74) N-amyl acetate	12.279	43	111005	18.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	116172	19.547	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	86461m	20.509	ug/l	
77) Bromobenzene	12.755	156	139346	20.739	ug/l	99
78) n-propylbenzene	12.814	91	734034	19.765	ug/l	99
79) 2-Chlorotoluene	12.902	91	427718	20.159	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	491256	19.728	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	29259	17.329	ug/l	93
82) 4-Chlorotoluene	12.997	91	458107	20.139	ug/l	100
83) tert-Butylbenzene	13.214	119	377024	18.225	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	487679	19.701	ug/l	99
85) sec-Butylbenzene	13.391	105	593631	19.121	ug/l	100
86) p-Isopropyltoluene	13.508	119	497372	19.032	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	275855	20.046	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	274201	20.000	ug/l	100
89) n-Butylbenzene	13.838	91	477432	18.314	ug/l	99
90) Hexachloroethane	14.102	117	98711	19.323	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	234422	19.692	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	16527	18.327	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	126634	19.069	ug/l	99
94) Hexachlorobutadiene	15.261	225	81865	19.647	ug/l	98
95) Naphthalene	15.391	128	206076	17.724	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	107896	18.433	ug/l	98

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

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