

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069625.D
 Acq On : 08 Jul 2021 13:16
 Operator : VA/SY
 Sample : VD0708SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:44:07 PM

Quant Time: Jul 09 01:01:48 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	602328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1086987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1012845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	463524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	369853	49.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.914	113	361308	49.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.340%
50) Toluene-d8	10.338	98	1397979	50.723	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.626	95	484258	53.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	102166	17.684	ug/l	100
3) Chloromethane	2.209	50	153687	18.186	ug/l	99
4) Vinyl Chloride	2.344	62	174024	18.473	ug/l	99
5) Bromomethane	2.756	94	117017	19.523	ug/l	95
6) Chloroethane	2.909	64	116958	18.639	ug/l	92
7) Trichlorofluoromethane	3.267	101	239516	21.409	ug/l	99
8) Diethyl Ether	3.709	74	65050	21.981	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	148614	21.719	ug/l	96
10) Methyl Iodide	4.303	142	115085	20.750	ug/l	99
11) Tert butyl alcohol	5.185	59	121252	321.949	ug/l #	83
12) 1,1-Dichloroethene	4.061	96	129019	21.692	ug/l	90
13) Acrolein	3.920	56	27538	65.898	ug/l	93
14) Allyl chloride	4.709	41	199953	23.980	ug/l	92
15) Acrylonitrile	5.420	53	148294	119.373	ug/l	97
16) Acetone	4.162	43	141713	112.141	ug/l	99
17) Carbon Disulfide	4.403	76	395664	20.205	ug/l	99
18) Methyl Acetate	4.714	43	107225	33.259	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	261042	22.332	ug/l	99
20) Methylene Chloride	4.961	84	221967	24.315	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	153584	21.402	ug/l	97
22) Diisopropyl ether	6.361	45	409513	24.372	ug/l	95
23) Vinyl Acetate	6.303	43	953288	101.436	ug/l	99
24) 1,1-Dichloroethane	6.261	63	302653	22.741	ug/l	99
25) 2-Butanone	7.208	43	183459	114.246	ug/l	98
26) 2,2-Dichloropropane	7.208	77	253513	23.300	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	172533	22.127	ug/l	96
28) Bromochloromethane	7.544	49	111847	21.457	ug/l	95
29) Tetrahydrofuran	7.561	42	106538	121.013	ug/l	93
30) Chloroform	7.708	83	312782	22.232	ug/l	100
31) Cyclohexane	7.985	56	219932	21.756	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	260392	22.460	ug/l	98
36) 1,1-Dichloropropene	8.108	75	226272	21.210	ug/l	99
37) Ethyl Acetate	7.297	43	81618	20.617	ug/l	98
38) Carbon Tetrachloride	8.097	117	217264	20.578	ug/l	98
39) Methylcyclohexane	9.355	83	214697	20.402	ug/l	96
40) Benzene	8.350	78	674904	21.945	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	48673	21.127	ug/l	90
42) 1,2-Dichloroethane	8.426	62	182147	20.385	ug/l	99
43) Isopropyl Acetate	8.450	43	157205	21.859	ug/l	100
44) Trichloroethene	9.114	130	158779	20.459	ug/l	98
45) 1,2-Dichloropropane	9.385	63	174063	22.048	ug/l	100
46) Dibromomethane	9.473	93	86785	20.989	ug/l	96
47) Bromodichloromethane	9.661	83	234354	21.107	ug/l	98
48) Methyl methacrylate	9.455	41	71224	20.847	ug/l	97
49) 1,4-Dioxane	9.455	88	17275	424.127	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	419114	110.818	ug/l	98
52) Toluene	10.402	92	412992	21.762	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	206686	21.530	ug/l	91
54) cis-1,3-Dichloropropene	10.091	75	246638	21.365	ug/l	91
55) 1,1,2-Trichloroethane	10.796	97	123709	21.187	ug/l	97
56) Ethyl methacrylate	10.655	69	128030	20.270	ug/l	97
57) 1,3-Dichloropropane	10.943	76	212953	21.586	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	335325	99.999	ug/l	98
59) 2-Hexanone	10.979	43	276089	108.179	ug/l	99
60) Dibromochloromethane	11.138	129	144919	21.058	ug/l	98
61) 1,2-Dibromoethane	11.243	107	114835	21.331	ug/l	99
64) Tetrachloroethene	10.873	164	132943	20.901	ug/l	95
65) Chlorobenzene	11.667	112	426950	21.194	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	155471	21.228	ug/l	100
67) Ethyl Benzene	11.738	91	747647	21.246	ug/l	98
68) m/p-Xylenes	11.849	106	570108	43.028	ug/l	97
69) o-Xylene	12.173	106	252830	21.287	ug/l	100
70) Styrene	12.190	104	455916	21.793	ug/l	98
71) Bromoform	12.355	173	75633	20.378	ug/l #	99
73) Isopropylbenzene	12.473	105	698516	21.872	ug/l	99
74) N-amyl acetate	12.285	43	143747	22.169	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	139615	21.765	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	100086m	21.997	ug/l	
77) Bromobenzene	12.755	156	154931	21.364	ug/l	93
78) n-propylbenzene	12.814	91	910085	22.704	ug/l	98
79) 2-Chlorotoluene	12.902	91	516702	22.564	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	604904	22.507	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	39671	21.770	ug/l	94
82) 4-Chlorotoluene	12.996	91	548747	22.351	ug/l	99
83) tert-Butylbenzene	13.214	119	491500	21.598	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	597634	22.369	ug/l	99
85) sec-Butylbenzene	13.390	105	745982	22.262	ug/l	99
86) p-Isopropyltoluene	13.508	119	632744	22.433	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	320243	21.561	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	319902	21.619	ug/l	99
89) n-Butylbenzene	13.832	91	612805	21.779	ug/l	99
90) Hexachloroethane	14.102	117	118377	21.470	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	282986	22.024	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	20135	20.688	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	150763	21.034	ug/l	96
94) Hexachlorobutadiene	15.255	225	95738	21.288	ug/l	99
95) Naphthalene	15.390	128	254270	19.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.584	180	134921	21.356	ug/l	98

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

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