

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062221\
 Data File : VD069514.D
 Acq On : 22 Jun 2021 14:19
 Operator : VA/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2021 5:31:11 PM

Quant Time: Jun 23 04:27:21 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	597803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1053032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	984053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	459596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	385998	51.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.600%	
35) Dibromofluoromethane	7.914	113	373446	52.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.338	98	1410305	52.820	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.640%	
62) 4-Bromofluorobenzene	12.626	95	461832	52.613	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	107673	18.778	ug/l	96
3) Chloromethane	2.209	50	158977	18.954	ug/l	96
4) Vinyl Chloride	2.344	62	174255	18.638	ug/l	97
5) Bromomethane	2.756	94	113526	19.037	ug/l	91
6) Chloroethane	2.915	64	116954	18.779	ug/l	99
7) Trichlorofluoromethane	3.274	101	221167	19.919	ug/l	100
8) Diethyl Ether	3.703	74	55901	19.033	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	134821	19.852	ug/l	97
10) Methyl Iodide	4.297	142	99990	18.656	ug/l	99
11) Tert butyl alcohol	5.215	59	52420	110.271	ug/l #	96
12) 1,1-Dichloroethene	4.062	96	114710	19.432	ug/l	96
13) Acrolein	3.926	56	33755	81.387	ug/l	96
14) Allyl chloride	4.709	41	164132	19.833	ug/l	96
15) Acrylonitrile	5.415	53	122085	99.020	ug/l	100
16) Acetone	4.156	43	98861	78.823	ug/l	97
17) Carbon Disulfide	4.409	76	354515	18.240	ug/l	99
18) Methyl Acetate	4.709	43	77101	23.295	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	224869	19.383	ug/l	100
20) Methylene Chloride	4.962	84	211848	23.102	ug/l	96
21) trans-1,2-Dichloroethene	5.468	96	138273	19.414	ug/l	98
22) Diisopropyl ether	6.362	45	349331	20.948	ug/l	98
23) Vinyl Acetate	6.303	43	838089	92.024	ug/l	97
24) 1,1-Dichloroethane	6.262	63	263936	19.982	ug/l	98
25) 2-Butanone	7.209	43	146995	92.232	ug/l	98
26) 2,2-Dichloropropane	7.209	77	206739	19.145	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	154243	19.931	ug/l	99
28) Bromochloromethane	7.544	49	97022	18.754	ug/l	99
29) Tetrahydrofuran	7.562	42	85210	97.520	ug/l	97
30) Chloroform	7.709	83	287959	20.623	ug/l	94
31) Cyclohexane	7.979	56	184610	18.400	ug/l #	90
32) 1,1,1-Trichloroethane	7.903	97	235593	20.475	ug/l	97
36) 1,1-Dichloropropene	8.114	75	200547	19.405	ug/l	99
37) Ethyl Acetate	7.291	43	74548	19.438	ug/l	97
38) Carbon Tetrachloride	8.091	117	200858	19.637	ug/l	99
39) Methylcyclohexane	9.356	83	182785	17.929	ug/l	98
40) Benzene	8.350	78	585328	19.646	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	39865	17.862	ug/l	93
42) 1,2-Dichloroethane	8.420	62	174728	20.185	ug/l	99
43) Isopropyl Acetate	8.450	43	134920	19.365	ug/l	97
44) Trichloroethene	9.109	130	153262	20.385	ug/l	100
45) 1,2-Dichloropropane	9.379	63	154455	20.195	ug/l	99
46) Dibromomethane	9.473	93	80960	20.212	ug/l	98
47) Bromodichloromethane	9.661	83	216885	20.164	ug/l	98
48) Methyl methacrylate	9.450	41	66404	20.063	ug/l	92
49) 1,4-Dioxane	9.461	88	14200	359.873	ug/l #	89
51) 4-Methyl-2-Pentanone	10.226	43	352979	96.341	ug/l	97
52) Toluene	10.403	92	369030	20.072	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	179651	19.317	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	219480	19.625	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	111631	19.735	ug/l	98
56) Ethyl methacrylate	10.656	69	110929	18.402	ug/l	97
57) 1,3-Dichloropropane	10.944	76	189746	19.854	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	287025	89.590	ug/l	98
59) 2-Hexanone	10.979	43	227076	91.843	ug/l	97
60) Dibromochloromethane	11.138	129	135571	20.335	ug/l	99
61) 1,2-Dibromoethane	11.244	107	102151	19.586	ug/l	98
64) Tetrachloroethene	10.873	164	121895	19.725	ug/l	96
65) Chlorobenzene	11.661	112	380025	19.417	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	142199	19.984	ug/l	99
67) Ethyl Benzene	11.738	91	653565	19.116	ug/l	99
68) m/p-Xylenes	11.850	106	502972	39.072	ug/l	98
69) o-Xylene	12.173	106	227239	19.692	ug/l	99
70) Styrene	12.191	104	410911	20.216	ug/l	98
71) Bromoform	12.355	173	69273	19.211	ug/l #	100
73) Isopropylbenzene	12.473	105	612492	19.343	ug/l	100
74) N-amyl acetate	12.279	43	116627	18.140	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	122810	19.309	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	87904m	19.484	ug/l	
77) Bromobenzene	12.755	156	145119	20.182	ug/l	97
78) n-propylbenzene	12.814	91	786341	19.785	ug/l	100
79) 2-Chlorotoluene	12.902	91	454782	20.029	ug/l	100
80) 1,3,5-Trimethylbenzene	12.950	105	528727	19.841	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	32389	17.925	ug/l	96
82) 4-Chlorotoluene	12.997	91	487101	20.009	ug/l	99
83) tert-Butylbenzene	13.214	119	410188	18.495	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	526849	19.888	ug/l	99
85) sec-Butylbenzene	13.391	105	655047	19.715	ug/l	99
86) p-Isopropyltoluene	13.508	119	538318	19.248	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	293205	19.910	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	290486	19.799	ug/l	99
89) n-Butylbenzene	13.838	91	522638	18.733	ug/l	98
90) Hexachloroethane	14.102	117	105984	19.386	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	256064	20.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	16747	17.354	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	134284	18.895	ug/l	99
94) Hexachlorobutadiene	15.255	225	84940	19.049	ug/l	97
95) Naphthalene	15.385	128	225071	18.020	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	123001	19.635	ug/l	95

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

