

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069604.D
 Acq On : 07 Jul 2021 13:15
 Operator : VA/SY
 Sample : VD0707SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 6:07:00 PM

Quant Time: Jul 08 01:04:46 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	574396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1016698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	966984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	452657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	358130	50.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.040%	
35) Dibromofluoromethane	7.914	113	348621	50.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.460%	
50) Toluene-d8	10.338	98	1321624	51.267	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.626	95	450324	53.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	97227	17.647	ug/l	93
3) Chloromethane	2.209	50	148637	18.444	ug/l	99
4) Vinyl Chloride	2.350	62	161810	18.012	ug/l	99
5) Bromomethane	2.756	94	107300	18.692	ug/l	98
6) Chloroethane	2.915	64	113633	18.989	ug/l	99
7) Trichlorofluoromethane	3.268	101	222093	20.817	ug/l	99
8) Diethyl Ether	3.715	74	62108	22.008	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	139322	21.351	ug/l	97
10) Methyl Iodide	4.297	142	88941	17.563	ug/l	98
11) Tert butyl alcohol	5.185	59	116009	323.181	ug/l #	83
12) 1,1-Dichloroethene	4.068	96	116789	20.590	ug/l	98
13) Acrolein	3.926	56	25110	63.010	ug/l	95
14) Allyl chloride	4.715	41	178635	22.465	ug/l	91
15) Acrylonitrile	5.420	53	136134	114.914	ug/l	100
16) Acetone	4.156	43	126331	104.830	ug/l	98
17) Carbon Disulfide	4.403	76	359185	19.234	ug/l	99
18) Methyl Acetate	4.715	43	93633	30.211	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	231743	20.789	ug/l	100
20) Methylene Chloride	4.962	84	201350	22.773	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	142812	20.869	ug/l	93
22) Diisopropyl ether	6.362	45	374088	23.346	ug/l	96
23) Vinyl Acetate	6.309	43	873305	98.193	ug/l	98
24) 1,1-Dichloroethane	6.262	63	281523	22.182	ug/l	97
25) 2-Butanone	7.209	43	165083	107.802	ug/l	96
26) 2,2-Dichloropropane	7.203	77	230523	22.217	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	161655	21.740	ug/l	97
28) Bromochloromethane	7.544	49	106677	21.460	ug/l	98
29) Tetrahydrofuran	7.567	42	94524	112.588	ug/l	94
30) Chloroform	7.708	83	293336	21.864	ug/l	96
31) Cyclohexane	7.985	56	199005	20.643	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	242993	21.978	ug/l	98
36) 1,1-Dichloropropene	8.114	75	206616	20.707	ug/l	98
37) Ethyl Acetate	7.291	43	85102	22.983	ug/l	96
38) Carbon Tetrachloride	8.097	117	201768	20.431	ug/l	98
39) Methylcyclohexane	9.355	83	190425	19.346	ug/l	96
40) Benzene	8.350	78	636201	22.116	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	37463	17.386	ug/l	96
42) 1,2-Dichloroethane	8.420	62	175117	20.953	ug/l	98
43) Isopropyl Acetate	8.450	43	146290	21.747	ug/l	99
44) Trichloroethene	9.108	130	149218	20.557	ug/l	95
45) 1,2-Dichloropropane	9.385	63	167982	22.748	ug/l	97
46) Dibromomethane	9.473	93	81748	21.138	ug/l	98
47) Bromodichloromethane	9.661	83	221147	21.295	ug/l	100
48) Methyl methacrylate	9.455	41	63802	19.966	ug/l	96
49) 1,4-Dioxane	9.461	88	15383	403.786	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	386821	109.350	ug/l	98
52) Toluene	10.402	92	388448	21.884	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	191425	21.319	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	232093	21.495	ug/l	93
55) 1,1,2-Trichloroethane	10.797	97	115663	21.179	ug/l	96
56) Ethyl methacrylate	10.655	69	115022	19.571	ug/l	95
57) 1,3-Dichloropropane	10.944	76	204851	22.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	307732	98.315	ug/l	99
59) 2-Hexanone	10.979	43	255383	106.984	ug/l	98
60) Dibromochloromethane	11.138	129	136417	21.193	ug/l	99
61) 1,2-Dibromoethane	11.238	107	107319	21.313	ug/l	98
64) Tetrachloroethene	10.873	164	127686	21.027	ug/l	98
65) Chlorobenzene	11.667	112	401013	20.851	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	149267	21.348	ug/l	100
67) Ethyl Benzene	11.738	91	682023	20.301	ug/l	100
68) m/p-Xylenes	11.849	106	535670	42.346	ug/l	99
69) o-Xylene	12.179	106	229749	20.261	ug/l	98
70) Styrene	12.191	104	420712	21.064	ug/l	100
71) Bromoform	12.355	173	71820	20.269	ug/l #	100
73) Isopropylbenzene	12.473	105	630910	20.230	ug/l	99
74) N-amyl acetate	12.285	43	134311	21.211	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	133931	21.380	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	81473m	18.336	ug/l	
77) Bromobenzene	12.755	156	146257	20.652	ug/l	93
78) n-propylbenzene	12.814	91	830554	21.218	ug/l	99
79) 2-Chlorotoluene	12.902	91	480807	21.500	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	551009	20.994	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	34974	19.653	ug/l	96
82) 4-Chlorotoluene	12.996	91	511411	21.330	ug/l	100
83) tert-Butylbenzene	13.214	119	449338	20.347	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	562753	21.569	ug/l	100
85) sec-Butylbenzene	13.396	105	683909	20.900	ug/l	100
86) p-Isopropyltoluene	13.508	119	584766	21.230	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	305335	21.051	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	304152	21.048	ug/l	99
89) n-Butylbenzene	13.832	91	564279	20.536	ug/l	99
90) Hexachloroethane	14.102	117	112099	20.819	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	267743	21.338	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	19268	20.272	ug/l	86
93) 1,2,4-Trichlorobenzene	15.155	180	139970	19.997	ug/l	99
94) Hexachlorobutadiene	15.255	225	93129	21.205	ug/l	97
95) Naphthalene	15.390	128	234206	18.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	124129	20.119	ug/l	99

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

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