

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069605.D
 Acq On : 07 Jul 2021 13:43
 Operator : VA/SY
 Sample : VD0707SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 6:07:01 PM

Quant Time: Jul 08 01:05:20 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	572290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1019158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	973096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	453126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	354169	49.649	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.300%		
35) Dibromofluoromethane	7.914	113	342354	49.693	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.380%		
50) Toluene-d8	10.338	98	1288705	49.870	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.740%		
62) 4-Bromofluorobenzene	12.626	95	451384	53.132	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	92635	16.876	ug/l	100
3) Chloromethane	2.209	50	145414	18.110	ug/l	99
4) Vinyl Chloride	2.350	62	159127	17.778	ug/l	98
5) Bromomethane	2.756	94	107167	18.743	ug/l	97
6) Chloroethane	2.920	64	107411	18.016	ug/l	98
7) Trichlorofluoromethane	3.267	101	218818	20.586	ug/l	100
8) Diethyl Ether	3.709	74	59801	21.268	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	133899	20.596	ug/l	99
10) Methyl Iodide	4.297	142	97175	18.879	ug/l	98
11) Tert butyl alcohol	5.197	59	128845	366.353	ug/l #	87
12) 1,1-Dichloroethene	4.062	96	115930	20.514	ug/l	94
13) Acrolein	3.920	56	28131	70.850	ug/l	97
14) Allyl chloride	4.714	41	179309	22.633	ug/l	90
15) Acrylonitrile	5.420	53	135457	114.763	ug/l	98
16) Acetone	4.156	43	130417	108.619	ug/l	97
17) Carbon Disulfide	4.403	76	353623	19.006	ug/l	100
18) Methyl Acetate	4.714	43	96491	31.347	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	235894	21.239	ug/l	97
20) Methylene Chloride	4.961	84	199263	22.571	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	141409	20.740	ug/l	98
22) Diisopropyl ether	6.361	45	372425	23.328	ug/l	99
23) Vinyl Acetate	6.308	43	876357	98.762	ug/l	97
24) 1,1-Dichloroethane	6.261	63	275528	21.789	ug/l	98
25) 2-Butanone	7.208	43	169784	111.280	ug/l	97
26) 2,2-Dichloropropane	7.208	77	225503	21.814	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	159840	21.575	ug/l	98
28) Bromochloromethane	7.550	49	107695	21.745	ug/l	94
29) Tetrahydrofuran	7.561	42	95685	114.390	ug/l	96
30) Chloroform	7.708	83	293467	21.954	ug/l	96
31) Cyclohexane	7.985	56	194115	20.210	ug/l #	92
32) 1,1,1-Trichloroethane	7.902	97	232998	21.152	ug/l	99
36) 1,1-Dichloropropene	8.108	75	200132	20.008	ug/l	98
37) Ethyl Acetate	7.291	43	84575	22.786	ug/l	97
38) Carbon Tetrachloride	8.097	117	196692	19.869	ug/l	100
39) Methylcyclohexane	9.355	83	185856	18.836	ug/l	99
40) Benzene	8.350	78	627499	21.761	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	43158	19.980	ug/l	90
42) 1,2-Dichloroethane	8.420	62	174429	20.821	ug/l	98
43) Isopropyl Acetate	8.450	43	149931	22.235	ug/l	98
44) Trichloroethene	9.114	130	145851	20.044	ug/l	94
45) 1,2-Dichloropropane	9.385	63	165354	22.339	ug/l	98
46) Dibromomethane	9.473	93	79921	20.615	ug/l	98
47) Bromodichloromethane	9.661	83	218062	20.947	ug/l	99
48) Methyl methacrylate	9.455	41	62959	19.654	ug/l	97
49) 1,4-Dioxane	9.455	88	15820	414.254	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	391156	110.309	ug/l	98
52) Toluene	10.402	92	381105	21.418	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	185761	20.638	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	228486	21.110	ug/l	94
55) 1,1,2-Trichloroethane	10.796	97	115304	21.062	ug/l	98
56) Ethyl methacrylate	10.655	69	122423	20.621	ug/l #	93
57) 1,3-Dichloropropane	10.944	76	197847	21.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	330730	104.643	ug/l	97
59) 2-Hexanone	10.985	43	252777	105.636	ug/l	98
60) Dibromochloromethane	11.138	129	137799	21.356	ug/l	97
61) 1,2-Dibromoethane	11.243	107	105429	20.887	ug/l	98
64) Tetrachloroethene	10.873	164	125806	20.587	ug/l	98
65) Chlorobenzene	11.667	112	392376	20.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	143069	20.333	ug/l	98
67) Ethyl Benzene	11.743	91	678815	20.078	ug/l	99
68) m/p-Xylenes	11.849	106	522322	41.032	ug/l	99
69) o-Xylene	12.179	106	223451	19.582	ug/l	97
70) Styrene	12.191	104	412778	20.537	ug/l	99
71) Bromoform	12.355	173	71984	20.187	ug/l #	98
73) Isopropylbenzene	12.473	105	610429	19.553	ug/l	99
74) N-amyl acetate	12.285	43	134427	21.208	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	135117	21.547	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	97890m	22.008	ug/l	
77) Bromobenzene	12.755	156	141341	19.937	ug/l	92
78) n-propylbenzene	12.814	91	808405	20.630	ug/l	99
79) 2-Chlorotoluene	12.902	91	466726	20.849	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	536439	20.418	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	35775	20.082	ug/l	98
82) 4-Chlorotoluene	12.996	91	507792	21.157	ug/l	98
83) tert-Butylbenzene	13.214	119	438725	19.895	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	542250	20.761	ug/l	100
85) sec-Butylbenzene	13.396	105	660099	20.151	ug/l	100
86) p-Isopropyltoluene	13.508	119	556594	20.186	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	301284	20.750	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	296978	20.530	ug/l	99
89) n-Butylbenzene	13.832	91	543683	19.766	ug/l	99
90) Hexachloroethane	14.102	117	108674	20.162	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	253650	20.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	19747	20.754	ug/l	87
93) 1,2,4-Trichlorobenzene	15.149	180	140037	19.986	ug/l	100
94) Hexachlorobutadiene	15.255	225	84166	19.145	ug/l	99
95) Naphthalene	15.384	128	235963	18.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.584	180	121632	19.694	ug/l	99

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

