

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069863.D
 Acq On : 27 Jul 2021 13:34
 Operator : VA/SY
 Sample : VD0727SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:56:25 PM

Quant Time: Jul 28 03:57:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	606199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1107643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1058260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	485248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	356692	51.162	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.320%			
35) Dibromofluoromethane	7.914	113	353864	50.678	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.360%			
50) Toluene-d8	10.338	98	1380846	51.286	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.580%			
62) 4-Bromofluorobenzene	12.626	95	473678	52.641	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	131438	20.600	ug/l	96
3) Chloromethane	2.209	50	184817	19.968	ug/l	98
4) Vinyl Chloride	2.344	62	197521	20.290	ug/l	96
5) Bromomethane	2.750	94	135123	22.475	ug/l	98
6) Chloroethane	2.915	64	125767	19.932	ug/l	98
7) Trichlorofluoromethane	3.268	101	245593	20.436	ug/l	95
8) Diethyl Ether	3.709	74	73659	21.790	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	154112	20.191	ug/l	99
10) Methyl Iodide	4.291	142	123894	18.765	ug/l	99
11) Tert butyl alcohol	5.220	59	38389	106.413	ug/l	100
12) 1,1-Dichloroethene	4.068	96	142963	20.612	ug/l	99
13) Acrolein	3.921	56	51050	101.090	ug/l	97
14) Allyl chloride	4.715	41	215003	21.143	ug/l	99
15) Acrylonitrile	5.420	53	173239	108.942	ug/l	98
16) Acetone	4.156	43	129150	102.546	ug/l	89
17) Carbon Disulfide	4.403	76	496793	20.033	ug/l	99
18) Methyl Acetate	4.715	43	75836	20.753	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	306715	21.344	ug/l	99
20) Methylene Chloride	4.956	84	213120	19.510	ug/l	99
21) trans-1,2-Dichloroethene	5.467	96	167495	20.494	ug/l	95
22) Diisopropyl ether	6.362	45	482758	21.847	ug/l	98
23) Vinyl Acetate	6.303	43	1141991	106.652	ug/l	99
24) 1,1-Dichloroethane	6.262	63	308747	20.229	ug/l	98
25) 2-Butanone	7.214	43	186613	109.262	ug/l	100
26) 2,2-Dichloropropane	7.209	77	244135	21.036	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	183284	21.017	ug/l	98
28) Bromochloromethane	7.544	49	128046	22.097	ug/l	97
29) Tetrahydrofuran	7.561	42	125263	113.361	ug/l	99
30) Chloroform	7.709	83	313817	20.451	ug/l	99
31) Cyclohexane	7.979	56	282390	20.730	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	255734	20.134	ug/l	96
36) 1,1-Dichloropropene	8.109	75	238544	19.956	ug/l	100
37) Ethyl Acetate	7.291	43	89689	20.611	ug/l	100
38) Carbon Tetrachloride	8.097	117	215968	19.780	ug/l	98
39) Methylcyclohexane	9.356	83	267114	19.512	ug/l	100
40) Benzene	8.350	78	697744	20.149	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	44761	19.601	ug/l	97
42) 1,2-Dichloroethane	8.420	62	185786	20.286	ug/l	100
43) Isopropyl Acetate	8.450	43	163807	20.989	ug/l	99
44) Trichloroethene	9.108	130	165279	19.380	ug/l	97
45) 1,2-Dichloropropane	9.385	63	180874	19.885	ug/l	95
46) Dibromomethane	9.467	93	89539	20.026	ug/l	97
47) Bromodichloromethane	9.661	83	229488	19.755	ug/l	99
48) Methyl methacrylate	9.450	41	74992	19.802	ug/l	94
49) 1,4-Dioxane	9.461	88	19891	421.073	ug/l #	95
51) 4-Methyl-2-Pentanone	10.226	43	436415	107.458	ug/l	99
52) Toluene	10.397	92	423132	20.142	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	202189	20.735	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	254624	21.569	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	128462	20.341	ug/l	96
56) Ethyl methacrylate	10.655	69	142894	20.771	ug/l	99
57) 1,3-Dichloropropane	10.938	76	218281	20.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	323669	107.247	ug/l	100
59) 2-Hexanone	10.979	43	289382	107.724	ug/l	99
60) Dibromochloromethane	11.138	129	145290	20.314	ug/l	99
61) 1,2-Dibromoethane	11.244	107	118972	20.924	ug/l	99
64) Tetrachloroethene	10.873	164	131805	19.539	ug/l	97
65) Chlorobenzene	11.667	112	435980	19.885	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	159897	20.273	ug/l	98
67) Ethyl Benzene	11.738	91	774172	20.056	ug/l	99
68) m/p-Xylenes	11.844	106	611545	40.869	ug/l	99
69) o-Xylene	12.173	106	270230	19.864	ug/l	98
70) Styrene	12.185	104	479362	20.333	ug/l	99
71) Bromoform	12.349	173	79730	20.815	ug/l #	100
73) Isopropylbenzene	12.473	105	713203	20.456	ug/l	100
74) N-amyl acetate	12.279	43	153660	21.426	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	143123	20.555	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	97916m	18.984	ug/l	
77) Bromobenzene	12.755	156	163628	20.837	ug/l	98
78) n-propylbenzene	12.814	91	938710	20.962	ug/l	99
79) 2-Chlorotoluene	12.902	91	534357	20.543	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	610639	20.474	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	39211	23.063	ug/l	98
82) 4-Chlorotoluene	12.996	91	566304	20.825	ug/l	99
83) tert-Butylbenzene	13.214	119	491462	20.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	616304	20.946	ug/l	99
85) sec-Butylbenzene	13.391	105	786774	20.524	ug/l	99
86) p-Isopropyltoluene	13.508	119	628591	20.183	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	333502	20.229	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	330253	20.098	ug/l	98
89) n-Butylbenzene	13.832	91	606898	19.746	ug/l	99
90) Hexachloroethane	14.102	117	132498	20.084	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	283413	19.917	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	21102	21.047	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	156495	20.384	ug/l	100
94) Hexachlorobutadiene	15.255	225	91920	19.573	ug/l	99
95) Naphthalene	15.390	128	281252	20.959	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	136326	20.533	ug/l	98

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

