

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070198.D
 Acq On : 20 Aug 2021 12:57
 Operator : VA/SY
 Sample : VD0820SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0820SBS01

Manual Integrations
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SAM
 8/23/2021 11:06:18 AM

Quant Time: Aug 23 03:51:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	489519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	880558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	831839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	392385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	279955	48.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.240%
35) Dibromofluoromethane	7.914	113	279700	49.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.340%
50) Toluene-d8	10.338	98	1098018	49.623	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.626	95	363317	49.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	126495	23.564	ug/l	100
3) Chloromethane	2.209	50	158728	20.813	ug/l	99
4) Vinyl Chloride	2.344	62	170663	20.600	ug/l	100
5) Bromomethane	2.750	94	116267	23.295	ug/l	98
6) Chloroethane	2.909	64	113160	21.381	ug/l	99
7) Trichlorofluoromethane	3.262	101	211648	21.270	ug/l	92
8) Diethyl Ether	3.709	74	58932	20.695	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.085	101	132703	20.963	ug/l	99
10) Methyl Iodide	4.297	142	109642	18.943	ug/l	99
11) Tert butyl alcohol	5.220	59	31390	98.638	ug/l #	89
12) 1,1-Dichloroethene	4.062	96	120770	20.766	ug/l	100
13) Acrolein	3.921	56	27063	73.829	ug/l	99
14) Allyl chloride	4.709	41	172277	19.853	ug/l	98
15) Acrylonitrile	5.415	53	139645	105.758	ug/l	99
16) Acetone	4.150	43	117847	111.110	ug/l	97
17) Carbon Disulfide	4.403	76	425108	20.218	ug/l	99
18) Methyl Acetate	4.715	43	69782	22.067	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	242390	20.082	ug/l	97
20) Methylene Chloride	4.956	84	193807	22.295	ug/l	99
21) trans-1,2-Dichloroethene	5.467	96	136729	20.240	ug/l	98
22) Diisopropyl ether	6.362	45	379320	20.784	ug/l	97
23) Vinyl Acetate	6.309	43	819433	99.072	ug/l	99
24) 1,1-Dichloroethane	6.256	63	256740	20.561	ug/l	98
25) 2-Butanone	7.214	43	159747	110.225	ug/l	90
26) 2,2-Dichloropropane	7.203	77	199121	20.481	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	149796	20.880	ug/l	99
28) Bromochloromethane	7.544	49	102077	22.464	ug/l	100
29) Tetrahydrofuran	7.561	42	96922	102.131	ug/l	98
30) Chloroform	7.703	83	255989	20.846	ug/l	95
31) Cyclohexane	7.985	56	231642	20.327	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	216444	21.092	ug/l	99
36) 1,1-Dichloropropene	8.109	75	196843	20.779	ug/l	99
37) Ethyl Acetate	7.291	43	73555	21.377	ug/l	99
38) Carbon Tetrachloride	8.091	117	178220	20.723	ug/l	94
39) Methylcyclohexane	9.350	83	220079	19.954	ug/l	97
40) Benzene	8.350	78	564945	20.561	ug/l	98

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41) Methacrylonitrile	7.526	41	36369	19.550	ug/l	98
42) 1,2-Dichloroethane	8.420	62	148093	21.031	ug/l	97
43) Isopropyl Acetate	8.444	43	134086	20.874	ug/l	98
44) Trichloroethene	9.108	130	137558	20.725	ug/l	98
45) 1,2-Dichloropropane	9.385	63	149067	20.887	ug/l	89
46) Dibromomethane	9.467	93	72844	21.014	ug/l	98
47) Bromodichloromethane	9.655	83	191294	21.329	ug/l	98
48) Methyl methacrylate	9.456	41	64822	21.161	ug/l	96
49) 1,4-Dioxane	9.456	88	17218	456.413	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	350186	104.842	ug/l	98
52) Toluene	10.403	92	357237	21.361	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	166267	20.930	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	200869	20.833	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	102722	20.915	ug/l	98
56) Ethyl methacrylate	10.655	69	111277	19.909	ug/l	98
57) 1,3-Dichloropropane	10.944	76	176819	20.795	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	298137	101.134	ug/l	99
59) 2-Hexanone	10.979	43	240980	107.729	ug/l	97
60) Dibromochloromethane	11.132	129	116880	20.773	ug/l	99
61) 1,2-Dibromoethane	11.238	107	94390	21.228	ug/l	100
64) Tetrachloroethene	10.873	164	110682	20.625	ug/l	98
65) Chlorobenzene	11.661	112	358944	20.653	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	127284	20.622	ug/l	99
67) Ethyl Benzene	11.738	91	623300	20.284	ug/l	97
68) m/p-Xylenes	11.849	106	496094	41.658	ug/l	98
69) o-Xylene	12.173	106	221069	20.574	ug/l	98
70) Styrene	12.185	104	392869	20.876	ug/l	99
71) Bromoform	12.349	173	61834	20.562	ug/l #	98
73) Isopropylbenzene	12.473	105	582584	20.360	ug/l	98
74) N-amyl acetate	12.279	43	126940	20.576	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	120213	21.056	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	80145m	20.140	ug/l	
77) Bromobenzene	12.749	156	129858	20.447	ug/l	98
78) n-propylbenzene	12.808	91	773419	20.959	ug/l	99
79) 2-Chlorotoluene	12.897	91	434352	20.459	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	502026	20.609	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	31176	20.335	ug/l	93
82) 4-Chlorotoluene	12.996	91	465459	20.938	ug/l	100
83) tert-Butylbenzene	13.214	119	400455	20.225	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	498287	20.621	ug/l	99
85) sec-Butylbenzene	13.391	105	646540	20.381	ug/l	99
86) p-Isopropyltoluene	13.502	119	524191	20.453	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	275658	20.428	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	272336	20.376	ug/l	97
89) n-Butylbenzene	13.832	91	511279	20.329	ug/l	98
90) Hexachloroethane	14.102	117	109836	20.309	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	237153	20.510	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	17060	20.005	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	127777	19.872	ug/l	98
94) Hexachlorobutadiene	15.249	225	75942	19.994	ug/l	99
95) Naphthalene	15.385	128	228294	19.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	113651	20.248	ug/l	99

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

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