

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070197.D
 Acq On : 20 Aug 2021 12:28
 Operator : VA/SY
 Sample : VD0820SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0820SBS01

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

Quant Time: Aug 23 03:51:17 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	476234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	848558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	802231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	388941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	294725	52.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.240%	
35) Dibromofluoromethane	7.914	113	296643	54.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.338	98	1169200	54.833	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.660%	
62) 4-Bromofluorobenzene	12.626	95	384267	54.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	125849	24.263	ug/l	98
3) Chloromethane	2.209	50	157478	21.321	ug/l	100
4) Vinyl Chloride	2.344	62	167907	20.833	ug/l	97
5) Bromomethane	2.750	94	119770	24.941	ug/l	91
6) Chloroethane	2.909	64	107836	20.943	ug/l	99
7) Trichlorofluoromethane	3.262	101	212476	21.949	ug/l	97
8) Diethyl Ether	3.703	74	58304	21.046	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.085	101	133325	21.649	ug/l	98
10) Methyl Iodide	4.297	142	101723	18.065	ug/l	100
11) Tert butyl alcohol	5.220	59	31966	103.250	ug/l #	94
12) 1,1-Dichloroethene	4.067	96	123479	21.824	ug/l	91
13) Acrolein	3.926	56	26554	74.461	ug/l	100
14) Allyl chloride	4.714	41	168788	19.993	ug/l	98
15) Acrylonitrile	5.420	53	136408	106.189	ug/l	100
16) Acetone	4.150	43	107926	104.595	ug/l	100
17) Carbon Disulfide	4.409	76	418602	20.464	ug/l	99
18) Methyl Acetate	4.714	43	69154	22.479	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	245266	20.887	ug/l	96
20) Methylene Chloride	4.956	84	175861	20.139	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	136734	20.805	ug/l	100
22) Diisopropyl ether	6.356	45	380079	21.407	ug/l	98
23) Vinyl Acetate	6.303	43	809614	100.615	ug/l	99
24) 1,1-Dichloroethane	6.261	63	255534	21.035	ug/l	99
25) 2-Butanone	7.214	43	152572	108.211	ug/l	94
26) 2,2-Dichloropropane	7.203	77	193909	20.501	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	147836	21.182	ug/l	98
28) Bromochloromethane	7.544	49	100037	22.630	ug/l	99
29) Tetrahydrofuran	7.561	42	100944	109.336	ug/l	98
30) Chloroform	7.708	83	251809	21.077	ug/l	97
31) Cyclohexane	7.979	56	224935	20.289	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	213728	21.408	ug/l	99
36) 1,1-Dichloropropene	8.108	75	196291	21.503	ug/l	98
37) Ethyl Acetate	7.291	43	76338	23.023	ug/l	99
38) Carbon Tetrachloride	8.091	117	182708	22.046	ug/l	94
39) Methylcyclohexane	9.355	83	218374	20.546	ug/l	98
40) Benzene	8.350	78	563215	21.271	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	35109m	19.585	ug/l	
42) 1,2-Dichloroethane	8.420	62	148546	21.891	ug/l	99
43) Isopropyl Acetate	8.450	43	135142	21.831	ug/l	99
44) Trichloroethene	9.108	130	139163	21.757	ug/l	100
45) 1,2-Dichloropropane	9.385	63	146388	21.285	ug/l	100
46) Dibromomethane	9.467	93	70811	21.198	ug/l	98
47) Bromodichloromethane	9.661	83	184637	21.364	ug/l	100
48) Methyl methacrylate	9.450	41	64347	21.798	ug/l	97
49) 1,4-Dioxane	9.455	88	15991	439.873	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	355775	110.532	ug/l	98
52) Toluene	10.397	92	350935	21.775	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	160397	20.952	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	195531	21.044	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	105183	22.223	ug/l	99
56) Ethyl methacrylate	10.655	69	114387	21.237	ug/l	100
57) 1,3-Dichloropropane	10.938	76	176709	21.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	287708	101.277	ug/l	100
59) 2-Hexanone	10.979	43	238871	110.814	ug/l	96
60) Dibromochloromethane	11.132	129	114018	21.029	ug/l	100
61) 1,2-Dibromoethane	11.244	107	95965	22.396	ug/l	98
64) Tetrachloroethene	10.873	164	109555	21.168	ug/l	95
65) Chlorobenzene	11.667	112	351457	20.968	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	123981	20.829	ug/l	97
67) Ethyl Benzene	11.738	91	616242	20.794	ug/l	97
68) m/p-Xylenes	11.849	106	491666	42.810	ug/l	99
69) o-Xylene	12.173	106	219210	21.154	ug/l	98
70) Styrene	12.185	104	391150	21.552	ug/l	98
71) Bromoform	12.355	173	63642	21.945	ug/l #	99
73) Isopropylbenzene	12.473	105	575678	20.297	ug/l	100
74) N-amyl acetate	12.279	43	125967	20.599	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	123505	21.824	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	80114m	20.311	ug/l	
77) Bromobenzene	12.749	156	131743	20.927	ug/l	98
78) n-propylbenzene	12.814	91	772356	21.116	ug/l	99
79) 2-Chlorotoluene	12.896	91	435032	20.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	504101	20.877	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	29609	19.484	ug/l	90
82) 4-Chlorotoluene	12.996	91	454870	20.642	ug/l	99
83) tert-Butylbenzene	13.214	119	397938	20.276	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	493935	20.622	ug/l	100
85) sec-Butylbenzene	13.390	105	654502	20.814	ug/l	99
86) p-Isopropyltoluene	13.508	119	522817	20.580	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	273659	20.460	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	269124	20.314	ug/l	97
89) n-Butylbenzene	13.832	91	509520	20.439	ug/l	98
90) Hexachloroethane	14.102	117	109946	20.509	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	234648	20.473	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	16909	20.003	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	129259	20.281	ug/l	97
94) Hexachlorobutadiene	15.249	225	78545	20.862	ug/l	98
95) Naphthalene	15.385	128	223034	19.227	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	114449	20.571	ug/l	99

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

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