

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070049.D
 Acq On : 13 Aug 2021 14:54
 Operator : VA/SY
 Sample : VD0813SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/16/2021 5:05:01 PM

Quant Time: Aug 14 02:38:02 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	7.973	168	564079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1028646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	970393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	448017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	324569	48.922	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.840%		
35) Dibromofluoromethane	7.909	113	321574	48.388	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.780%		
50) Toluene-d8	10.338	98	1297785	50.208	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.420%		
62) 4-Bromofluorobenzene	12.626	95	431515	50.685	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	145821	23.576	ug/l	100
3) Chloromethane	2.209	50	189554	21.745	ug/l	96
4) Vinyl Chloride	2.344	62	200802	21.034	ug/l	98
5) Bromomethane	2.750	94	136305	23.781	ug/l	94
6) Chloroethane	2.915	64	124087	20.346	ug/l	99
7) Trichlorofluoromethane	3.268	101	231453	20.186	ug/l	93
8) Diethyl Ether	3.703	74	66109	20.147	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	143159	19.626	ug/l	98
10) Methyl Iodide	4.297	142	113689	17.046	ug/l	99
11) Tert butyl alcohol	5.215	59	38482	104.940	ug/l	100
12) 1,1-Dichloroethene	4.068	96	135887	20.277	ug/l	96
13) Acrolein	3.921	56	42286	100.110	ug/l	99
14) Allyl chloride	4.715	41	201539	20.155	ug/l	98
15) Acrylonitrile	5.420	53	152459	100.201	ug/l	99
16) Acetone	4.156	43	108000	88.367	ug/l	92
17) Carbon Disulfide	4.403	76	499026	20.596	ug/l	99
18) Methyl Acetate	4.715	43	73301	20.116	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	283144	20.358	ug/l	97
20) Methylene Chloride	4.962	84	194975	18.228	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	157292	20.206	ug/l	98
22) Diisopropyl ether	6.362	45	446179	21.216	ug/l	97
23) Vinyl Acetate	6.309	43	962875	101.026	ug/l	100
24) 1,1-Dichloroethane	6.262	63	290479	20.188	ug/l	99
25) 2-Butanone	7.214	43	166757	99.853	ug/l #	88
26) 2,2-Dichloropropane	7.209	77	221523	19.773	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	171271	20.718	ug/l	97
28) Bromochloromethane	7.544	49	110877	21.176	ug/l	100
29) Tetrahydrofuran	7.562	42	109552	100.181	ug/l	96
30) Chloroform	7.709	83	287906	20.346	ug/l	96
31) Cyclohexane	7.985	56	265889	20.248	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	241098	20.389	ug/l	99
36) 1,1-Dichloropropene	8.109	75	223676	20.213	ug/l	100
37) Ethyl Acetate	7.291	43	80560	20.042	ug/l	98
38) Carbon Tetrachloride	8.097	117	198402	19.749	ug/l	96
39) Methylcyclohexane	9.356	83	256013	19.870	ug/l	97
40) Benzene	8.350	78	651278	20.291	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	38643	17.782	ug/l	91
42) 1,2-Dichloroethane	8.420	62	163383	19.862	ug/l	98
43) Isopropyl Acetate	8.450	43	149229	19.886	ug/l	99
44) Trichloroethene	9.108	130	155766	20.089	ug/l	96
45) 1,2-Dichloropropane	9.385	63	168551	20.217	ug/l	95
46) Dibromomethane	9.473	93	81247	20.064	ug/l	99
47) Bromodichloromethane	9.661	83	214272	20.452	ug/l	99
48) Methyl methacrylate	9.456	41	72410	20.235	ug/l	98
49) 1,4-Dioxane	9.461	88	17441	395.766	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	391568	100.354	ug/l	98
52) Toluene	10.397	92	400248	20.487	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	189024	20.369	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	231024	20.511	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	113999	19.869	ug/l	97
56) Ethyl methacrylate	10.655	69	129487	19.832	ug/l	100
57) 1,3-Dichloropropane	10.938	76	195125	19.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	331445	96.247	ug/l	99
59) 2-Hexanone	10.979	43	255476	97.768	ug/l	98
60) Dibromochloromethane	11.138	129	131585	20.020	ug/l	97
61) 1,2-Dibromoethane	11.238	107	106311	20.467	ug/l	100
64) Tetrachloroethene	10.873	164	120816	19.299	ug/l	94
65) Chlorobenzene	11.661	112	407697	20.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	143572	19.940	ug/l	99
67) Ethyl Benzene	11.738	91	719969	20.084	ug/l	98
68) m/p-Xylenes	11.850	106	572748	41.228	ug/l	97
69) o-Xylene	12.173	106	254807	20.328	ug/l	99
70) Styrene	12.185	104	444844	20.263	ug/l	99
71) Bromoform	12.350	173	68482	19.521	ug/l #	100
73) Isopropylbenzene	12.473	105	663340	20.304	ug/l	99
74) N-amyl acetate	12.279	43	137891	19.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	131805	20.219	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	88066m	19.383	ug/l	
77) Bromobenzene	12.755	156	144456	19.921	ug/l	97
78) n-propylbenzene	12.814	91	879409	20.872	ug/l	99
79) 2-Chlorotoluene	12.897	91	496426	20.479	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	574450	20.654	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	35953	20.539	ug/l	97
82) 4-Chlorotoluene	12.997	91	524694	20.671	ug/l	100
83) tert-Butylbenzene	13.214	119	451877	19.988	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	570167	20.665	ug/l	100
85) sec-Butylbenzene	13.391	105	737261	20.355	ug/l	98
86) p-Isopropyltoluene	13.508	119	596321	20.378	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	307577	19.963	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	307436	20.146	ug/l	98
89) n-Butylbenzene	13.832	91	575295	20.034	ug/l	98
90) Hexachloroethane	14.102	117	120464	19.508	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	266228	20.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	18655	19.159	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	144208	19.643	ug/l	99
94) Hexachlorobutadiene	15.249	225	85931	19.814	ug/l	99
95) Naphthalene	15.385	128	256960	19.231	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	124664	19.452	ug/l	99

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

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