

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
 Data File : VD069644.D
 Acq On : 09 Jul 2021 12:47
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 10 03:00:29 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	635019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1091902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1013231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	465368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	363894	45.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.940%
35) Dibromofluoromethane	7.914	113	362780	49.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.338	98	1386763	50.089	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.626	95	473144	51.983	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	257795	42.324	ug/l	95
3) Chloromethane	2.209	50	354338	39.771	ug/l	99
4) Vinyl Chloride	2.350	62	414300	41.715	ug/l	99
5) Bromomethane	2.767	94	263683	44.090	ug/l	99
6) Chloroethane	2.920	64	277780	41.988	ug/l	98
7) Trichlorofluoromethane	3.273	101	580937	49.255	ug/l	98
8) Diethyl Ether	3.709	74	163887	52.529	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	356826	49.463	ug/l	97
10) Methyl Iodide	4.297	142	321489	48.480	ug/l	99
11) Tert butyl alcohol	5.226	59	100036	240.396	ug/l	100
12) 1,1-Dichloroethene	4.067	96	315922	50.381	ug/l	99
13) Acrolein	3.920	56	91499	207.684	ug/l	96
14) Allyl chloride	4.714	41	505271	57.476	ug/l	92
15) Acrylonitrile	5.420	53	371619	283.745	ug/l	97
16) Acetone	4.156	43	346763	260.276	ug/l	100
17) Carbon Disulfide	4.409	76	944134	45.730	ug/l	98
18) Methyl Acetate	4.714	43	187516	57.085	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	672763	54.590	ug/l	100
20) Methylene Chloride	4.967	84	458936	54.714	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	376479	49.762	ug/l	98
22) Diisopropyl ether	6.361	45	1048488	59.188	ug/l	97
23) Vinyl Acetate	6.303	43	2962827	262.002	ug/l	99
24) 1,1-Dichloroethane	6.261	63	736352	52.479	ug/l	99
25) 2-Butanone	7.214	43	471443	278.470	ug/l	94
26) 2,2-Dichloropropane	7.208	77	614793	53.596	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	431464	52.486	ug/l	99
28) Bromochloromethane	7.544	49	299169	54.438	ug/l #	94
29) Tetrahydrofuran	7.561	42	269871	290.757	ug/l	96
30) Chloroform	7.708	83	742299	50.046	ug/l	97
31) Cyclohexane	7.985	56	543093	50.959	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	631102	51.633	ug/l	97
36) 1,1-Dichloropropene	8.114	75	556123	51.895	ug/l	99
37) Ethyl Acetate	7.297	43	222929	56.059	ug/l	99
38) Carbon Tetrachloride	8.097	117	535763	50.516	ug/l	98
39) Methylcyclohexane	9.355	83	567092	53.646	ug/l	99
40) Benzene	8.350	78	1612169	52.184	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	129858	56.113	ug/l	88
42) 1,2-Dichloroethane	8.426	62	435600	48.531	ug/l	99
43) Isopropyl Acetate	8.450	43	402436	55.705	ug/l	98
44) Trichloroethene	9.108	130	385304	49.425	ug/l	94
45) 1,2-Dichloropropane	9.385	63	426865	53.826	ug/l	99
46) Dibromomethane	9.473	93	209092	50.342	ug/l	98
47) Bromodichloromethane	9.661	83	558753	50.098	ug/l	100
48) Methyl methacrylate	9.455	41	190197	55.419	ug/l	98
49) 1,4-Dioxane	9.455	88	43169	1055.093	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	1096087	288.512	ug/l	100
52) Toluene	10.402	92	1011905	53.081	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	506272	52.500	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	611569	52.738	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	299347	51.038	ug/l	97
56) Ethyl methacrylate	10.655	69	347253	50.342	ug/l #	94
57) 1,3-Dichloropropane	10.944	76	525420	53.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	971910	268.550	ug/l	97
59) 2-Hexanone	10.979	43	760770	296.747	ug/l	100
60) Dibromochloromethane	11.138	129	350202	50.659	ug/l	100
61) 1,2-Dibromoethane	11.243	107	273101	50.500	ug/l	98
64) Tetrachloroethene	10.873	164	310395	48.781	ug/l	98
65) Chlorobenzene	11.667	112	1031906	51.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	375041	51.189	ug/l	100
67) Ethyl Benzene	11.738	91	1919941	54.539	ug/l	100
68) m/p-Xylenes	11.849	106	1447383	109.197	ug/l	100
69) o-Xylene	12.173	106	648252	54.559	ug/l	97
70) Styrene	12.191	104	1167977	55.807	ug/l	99
71) Bromoform	12.355	173	185388	49.931	ug/l #	99
73) Isopropylbenzene	12.473	105	1811725	56.505	ug/l	100
74) N-amyl acetate	12.279	43	382089	58.694	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	339141	52.660	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	241213m	52.803	ug/l	
77) Bromobenzene	12.755	156	380211	52.220	ug/l	94
78) n-propylbenzene	12.814	91	2275139	56.534	ug/l	99
79) 2-Chlorotoluene	12.902	91	1284483	55.869	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	1528545	56.649	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	98958	54.088	ug/l	96
82) 4-Chlorotoluene	12.996	91	1345005	54.565	ug/l	99
83) tert-Butylbenzene	13.214	119	1229672	50.850	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	1521853	56.735	ug/l	99
85) sec-Butylbenzene	13.390	105	1911645	56.822	ug/l	100
86) p-Isopropyltoluene	13.508	119	1628340	57.501	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	768138	51.512	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	762372	51.317	ug/l	100
89) n-Butylbenzene	13.832	91	1604272	56.790	ug/l	99
90) Hexachloroethane	14.102	117	288684	52.151	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	662757	51.377	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	50781	51.968	ug/l	91
93) 1,2,4-Trichlorobenzene	15.149	180	389728	54.158	ug/l	99
94) Hexachlorobutadiene	15.255	225	229829	50.902	ug/l	99
95) Naphthalene	15.390	128	719236	49.638	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	335399	52.878	ug/l	100

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

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