

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069819.D
 Acq On : 22 Jul 2021 20:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:15:55 PM

Quant Time: Jul 23 05:04:32 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	606301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1054533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1032864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	502408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	342947	49.182	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.360%		
35) Dibromofluoromethane	7.908	113	337547	50.776	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.560%		
50) Toluene-d8	10.338	98	1295154	50.526	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.060%		
62) 4-Bromofluorobenzene	12.626	95	442106	51.607	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	270224	42.344	ug/l	100
3) Chloromethane	2.209	50	403448	43.582	ug/l	99
4) Vinyl Chloride	2.344	62	431534	44.320	ug/l	98
5) Bromomethane	2.762	94	280084	48.710	ug/l	100
6) Chloroethane	2.914	64	284884	45.141	ug/l	99
7) Trichlorofluoromethane	3.267	101	541470	45.048	ug/l	99
8) Diethyl Ether	3.709	74	162521	48.070	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	351481	46.042	ug/l	98
10) Methyl Iodide	4.297	142	326880	43.829	ug/l	99
11) Tert butyl alcohol	5.226	59	86683	240.243	ug/l	99
12) 1,1-Dichloroethene	4.067	96	317366	45.750	ug/l	98
13) Acrolein	3.920	56	108377	214.573	ug/l	97
14) Allyl chloride	4.714	41	480933	47.287	ug/l	99
15) Acrylonitrile	5.426	53	408992	257.154	ug/l	98
16) Acetone	4.161	43	289475	229.807	ug/l	99
17) Carbon Disulfide	4.409	76	1136409	45.817	ug/l	99
18) Methyl Acetate	4.720	43	176260	48.226	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	747202	51.987	ug/l	99
20) Methylene Chloride	4.961	84	550001	61.772	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	392494	48.017	ug/l	96
22) Diisopropyl ether	6.361	45	1139002	51.537	ug/l	96
23) Vinyl Acetate	6.303	43	2864050	236.755	ug/l	98
24) 1,1-Dichloroethane	6.261	63	730434	47.851	ug/l	99
25) 2-Butanone	7.214	43	447684	262.074	ug/l	98
26) 2,2-Dichloropropane	7.208	77	541278	46.633	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	426135	48.856	ug/l	98
28) Bromochloromethane	7.544	49	283852	48.977	ug/l	100
29) Tetrahydrofuran	7.561	42	301396	272.714	ug/l	97
30) Chloroform	7.708	83	732110	47.702	ug/l	99
31) Cyclohexane	7.985	56	615764	45.195	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	594986	46.836	ug/l	98
36) 1,1-Dichloropropene	8.108	75	561152	49.310	ug/l	99
37) Ethyl Acetate	7.291	43	222441	53.692	ug/l	98
38) Carbon Tetrachloride	8.097	117	503763	48.462	ug/l	100
39) Methylcyclohexane	9.355	83	648489	49.756	ug/l	97
40) Benzene	8.349	78	1626730	49.341	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	124181	57.117	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	444158	50.940	ug/l	99
43) Isopropyl Acetate	8.449	43	393443	52.951	ug/l	99
44) Trichloroethene	9.108	130	387821	47.766	ug/l	100
45) 1,2-Dichloropropane	9.385	63	430779	49.743	ug/l	98
46) Dibromomethane	9.473	93	214264	50.334	ug/l	97
47) Bromodichloromethane	9.661	83	553581	50.054	ug/l	98
48) Methyl methacrylate	9.449	41	195494	49.447	ug/l	97
49) 1,4-Dioxane	9.461	88	49658	1104.153	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	1084012	280.359	ug/l	100
52) Toluene	10.396	92	1030662	51.534	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	474842	51.150	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	556792	49.541	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	306335	50.949	ug/l	98
56) Ethyl methacrylate	10.655	69	364883	49.156	ug/l	96
57) 1,3-Dichloropropane	10.943	76	528442	51.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	858262	261.449	ug/l	98
59) 2-Hexanone	10.979	43	723600	282.929	ug/l	99
60) Dibromochloromethane	11.132	129	350685	51.501	ug/l	100
61) 1,2-Dibromoethane	11.238	107	285340	52.710	ug/l	99
64) Tetrachloroethene	10.873	164	316657	48.095	ug/l	96
65) Chlorobenzene	11.661	112	1038408	48.526	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	379583	49.310	ug/l	98
67) Ethyl Benzene	11.738	91	1906310	50.600	ug/l	99
68) m/p-Xylenes	11.843	106	1502822	102.901	ug/l	99
69) o-Xylene	12.173	106	670032	50.465	ug/l	97
70) Styrene	12.185	104	1223189	53.160	ug/l	99
71) Bromoform	12.355	173	191345	51.183	ug/l #	99
73) Isopropylbenzene	12.473	105	1777989	49.254	ug/l	100
74) N-amyl acetate	12.279	43	381487	51.378	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	349114	48.427	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	279194m	52.281	ug/l	
77) Bromobenzene	12.749	156	391837	48.194	ug/l	98
78) n-propylbenzene	12.814	91	2287948	49.347	ug/l	99
79) 2-Chlorotoluene	12.896	91	1285704	47.741	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1532454	49.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	89982	51.118	ug/l	98
82) 4-Chlorotoluene	12.996	91	1367194	48.559	ug/l	99
83) tert-Butylbenzene	13.214	119	1226745	48.862	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1527454	50.139	ug/l	99
85) sec-Butylbenzene	13.390	105	1968309	49.592	ug/l	100
86) p-Isopropyltoluene	13.502	119	1579001	48.968	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	811711	47.553	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	795559	46.760	ug/l	100
89) n-Butylbenzene	13.832	91	1550094	48.710	ug/l	100
90) Hexachloroethane	14.096	117	316243	46.299	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	703057	47.721	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	48661	46.876	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	385435	48.489	ug/l	100
94) Hexachlorobutadiene	15.255	225	227217	46.729	ug/l	99
95) Naphthalene	15.384	128	728958	44.951	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	341629	49.698	ug/l	99

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

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