

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
 Data File : VD070262.D
 Acq On : 26 Aug 2021 10:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:46:08 PM

Quant Time: Aug 27 01:21:49 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	462967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	798864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	765277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	362220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	268670	49.341	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.680%		
35) Dibromofluoromethane	7.909	113	273167	52.927	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.860%		
50) Toluene-d8	10.338	98	1040186	51.817	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.640%		
62) 4-Bromofluorobenzene	12.626	95	350125	52.954	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	197628	43.694	ug/l	97
3) Chloromethane	2.209	50	280070	43.015	ug/l	100
4) Vinyl Chloride	2.344	62	320094	40.853	ug/l	98
5) Bromomethane	2.756	94	216249	50.335	ug/l	92
6) Chloroethane	2.915	64	231886	46.326	ug/l	99
7) Trichlorofluoromethane	3.268	101	463098	49.210	ug/l	92
8) Diethyl Ether	3.703	74	131124	48.688	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	280880	46.915	ug/l	98
10) Methyl Iodide	4.297	142	262287	47.915	ug/l	99
11) Tert butyl alcohol	5.220	59	86473	287.312	ug/l #	93
12) 1,1-Dichloroethene	4.068	96	251851	45.789	ug/l	98
13) Acrolein	3.920	56	81876	236.171	ug/l	97
14) Allyl chloride	4.715	41	381612	46.498	ug/l	97
15) Acrylonitrile	5.420	53	313411	250.971	ug/l	98
16) Acetone	4.156	43	305715	304.770	ug/l	97
17) Carbon Disulfide	4.409	76	809913	40.728	ug/l	98
18) Methyl Acetate	4.709	43	151231	50.567	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	572191	50.125	ug/l	97
20) Methylene Chloride	4.962	84	322422	46.609	ug/l	99
21) trans-1,2-Dichloroethene	5.467	96	298677	46.749	ug/l	98
22) Diisopropyl ether	6.362	45	879225	50.938	ug/l	98
23) Vinyl Acetate	6.303	43	2116419	270.556	ug/l	100
24) 1,1-Dichloroethane	6.262	63	555860	47.069	ug/l	99
25) 2-Butanone	7.209	43	377288	275.258	ug/l	99
26) 2,2-Dichloropropane	7.209	77	462196	50.266	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	323664	47.703	ug/l	99
28) Bromochloromethane	7.544	49	198424	46.172	ug/l	100
29) Tetrahydrofuran	7.561	42	232174	258.683	ug/l	99
30) Chloroform	7.709	83	559282	48.156	ug/l	96
31) Cyclohexane	7.985	56	481521	44.677	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	465587	47.972	ug/l	99
36) 1,1-Dichloropropene	8.108	75	429716	50.001	ug/l	99
37) Ethyl Acetate	7.291	43	178617	57.220	ug/l	99
38) Carbon Tetrachloride	8.097	117	391612	50.193	ug/l	93
39) Methylcyclohexane	9.355	83	495560	49.526	ug/l	100
40) Benzene	8.350	78	1220849	48.977	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	99750	59.105	ug/l	90
42) 1,2-Dichloroethane	8.420	62	319602	50.028	ug/l	99
43) Isopropyl Acetate	8.450	43	307723	52.803	ug/l	99
44) Trichloroethene	9.108	130	291499	48.409	ug/l	98
45) 1,2-Dichloropropane	9.385	63	324097	50.055	ug/l	89
46) Dibromomethane	9.473	93	162416	51.644	ug/l	98
47) Bromodichloromethane	9.655	83	421419	51.794	ug/l	99
48) Methyl methacrylate	9.450	41	155615	55.995	ug/l	99
49) 1,4-Dioxane	9.455	88	38111	1113.552	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	860864	284.090	ug/l	99
52) Toluene	10.397	92	758451	49.989	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	382206	53.033	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	454214	51.925	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	227434	51.042	ug/l	96
56) Ethyl methacrylate	10.655	69	273750	53.986	ug/l	99
57) 1,3-Dichloropropane	10.938	76	397710	51.557	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	788595	294.864	ug/l	100
59) 2-Hexanone	10.979	43	607193	299.203	ug/l	100
60) Dibromochloromethane	11.132	129	261733	51.276	ug/l	98
61) 1,2-Dibromoethane	11.238	107	211066	52.322	ug/l	100
64) Tetrachloroethene	10.873	164	232538	47.101	ug/l	98
65) Chlorobenzene	11.661	112	778149	48.667	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	278378	49.025	ug/l	100
67) Ethyl Benzene	11.738	91	1434961	50.758	ug/l	99
68) m/p-Xylenes	11.849	106	1117631	102.013	ug/l	98
69) o-Xylene	12.173	106	495302	50.105	ug/l	100
70) Styrene	12.185	104	899186	51.936	ug/l	99
71) Bromoform	12.349	173	141786	51.251	ug/l #	99
73) Isopropylbenzene	12.473	105	1347426	51.012	ug/l	99
74) N-amyl acetate	12.279	43	299381	52.568	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	271522	51.518	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	177925m	48.436	ug/l	
77) Bromobenzene	12.755	156	290062	49.476	ug/l	99
78) n-propylbenzene	12.814	91	1758668	51.627	ug/l	99
79) 2-Chlorotoluene	12.896	91	962547	49.113	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1134670	50.458	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	78547	55.501	ug/l	94
82) 4-Chlorotoluene	12.996	91	1013115	49.368	ug/l	100
83) tert-Butylbenzene	13.214	119	941152	51.491	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1132835	50.784	ug/l	100
85) sec-Butylbenzene	13.391	105	1510111	51.567	ug/l	98
86) p-Isopropyltoluene	13.508	119	1215861	51.391	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	604022	48.490	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	581342	47.118	ug/l	98
89) n-Butylbenzene	13.832	91	1205387	51.920	ug/l	99
90) Hexachloroethane	14.096	117	244692	49.011	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	520839	48.796	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	39151	49.732	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	294147	49.556	ug/l	100
94) Hexachlorobutadiene	15.249	225	173785	49.564	ug/l	99
95) Naphthalene	15.385	128	558173	51.669	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	263329	50.822	ug/l	99

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

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