

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070294.D
 Acq On : 10 Sep 2021 12:24
 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
 9/13/2021 7:32:56 PM

Quant Time: Sep 11 02:23:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	382340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	661471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	634293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	304467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223023	45.428	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.860%		
35) Dibromofluoromethane	7.914	113	229362	48.713	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.420%		
50) Toluene-d8	10.332	98	880003	51.477	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.960%		
62) 4-Bromofluorobenzene	12.626	95	296494	49.626	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	182402	47.499	ug/l	97
3) Chloromethane	2.209	50	240231	46.134	ug/l	99
4) Vinyl Chloride	2.350	62	262395	43.619	ug/l	98
5) Bromomethane	2.762	94	190244	52.323	ug/l	99
6) Chloroethane	2.920	64	181935	49.955	ug/l	99
7) Trichlorofluoromethane	3.273	101	356575	44.815	ug/l	95
8) Diethyl Ether	3.709	74	91566	41.629	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	226120	45.751	ug/l	97
10) Methyl Iodide	4.297	142	192922	40.964	ug/l	99
11) Tert butyl alcohol	5.209	59	76096	137.088	ug/l #	100
12) 1,1-Dichloroethene	4.067	96	195756	43.978	ug/l	96
13) Acrolein	3.920	56	71384	292.496	ug/l	93
14) Allyl chloride	4.714	41	288433	44.096	ug/l	95
15) Acrylonitrile	5.420	53	222319	212.137	ug/l	98
16) Acetone	4.156	43	212079	241.964	ug/l	91
17) Carbon Disulfide	4.409	76	727826	44.317	ug/l	97
18) Methyl Acetate	4.720	43	104852	43.388	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	421709	43.839	ug/l	98
20) Methylene Chloride	4.967	84	270096	49.362	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	240860	45.456	ug/l	98
22) Diisopropyl ether	6.361	45	661179	47.227	ug/l	97
23) Vinyl Acetate	6.303	43	1516591	233.834	ug/l	98
24) 1,1-Dichloroethane	6.261	63	438735	44.291	ug/l	96
25) 2-Butanone	7.208	43	259226	222.179	ug/l	98
26) 2,2-Dichloropropane	7.208	77	362218	45.238	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	254248	44.668	ug/l	96
28) Bromochloromethane	7.544	49	201505	51.268	ug/l	91
29) Tetrahydrofuran	7.561	42	161407	215.504	ug/l	93
30) Chloroform	7.708	83	446891	44.005	ug/l	100
31) Cyclohexane	7.985	56	383913	45.397	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	380326	44.494	ug/l	98
36) 1,1-Dichloropropene	8.108	75	345636	48.886	ug/l	98
37) Ethyl Acetate	7.285	43	119364	45.148	ug/l	96
38) Carbon Tetrachloride	8.091	117	330180	47.219	ug/l	99
39) Methylcyclohexane	9.355	83	394718	49.973	ug/l	95
40) Benzene	8.350	78	981417	47.367	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	60857	43.750	ug/l	92
42) 1,2-Dichloroethane	8.420	62	256146	46.158	ug/l	99
43) Isopropyl Acetate	8.450	43	218954	44.790	ug/l	96
44) Trichloroethene	9.108	130	230385	46.525	ug/l	91
45) 1,2-Dichloropropane	9.385	63	254757	46.865	ug/l	95
46) Dibromomethane	9.473	93	126886	45.328	ug/l	99
47) Bromodichloromethane	9.661	83	329941	46.201	ug/l	96
48) Methyl methacrylate	9.449	41	108201	47.939	ug/l	92
49) 1,4-Dioxane	9.455	88	25816	920.776	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	589338	232.980	ug/l	95
52) Toluene	10.396	92	615266	49.146	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	288002	46.883	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	352117	47.099	ug/l	94
55) 1,1,2-Trichloroethane	10.796	97	174460	45.304	ug/l	98
56) Ethyl methacrylate	10.655	69	193931	46.132	ug/l #	92
57) 1,3-Dichloropropane	10.938	76	302042	46.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	577487	285.016	ug/l	98
59) 2-Hexanone	10.979	43	409018	242.349	ug/l	96
60) Dibromochloromethane	11.132	129	203404	45.387	ug/l	98
61) 1,2-Dibromoethane	11.243	107	159539	45.048	ug/l	98
64) Tetrachloroethene	10.873	164	186810	48.373	ug/l	98
65) Chlorobenzene	11.667	112	616225	46.896	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	224814	46.714	ug/l	99
67) Ethyl Benzene	11.738	91	1131588	49.933	ug/l	99
68) m/p-Xylenes	11.849	106	886566	101.294	ug/l	97
69) o-Xylene	12.173	106	395591	50.451	ug/l	99
70) Styrene	12.191	104	705653	51.517	ug/l	98
71) Bromoform	12.355	173	106485	44.768	ug/l #	98
73) Isopropylbenzene	12.473	105	1035028	48.474	ug/l	99
74) N-amyl acetate	12.279	43	208341	44.783	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	194991	42.638	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	134144m	43.557	ug/l	
77) Bromobenzene	12.755	156	223103	45.289	ug/l	96
78) n-propylbenzene	12.814	91	1380039	49.797	ug/l	99
79) 2-Chlorotoluene	12.896	91	774039	47.918	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	915020	49.654	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	58588	47.666	ug/l	95
82) 4-Chlorotoluene	12.996	91	818051	48.004	ug/l	99
83) tert-Butylbenzene	13.214	119	721240	48.801	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	916135	50.485	ug/l	99
85) sec-Butylbenzene	13.390	105	1175506	50.038	ug/l	99
86) p-Isopropyltoluene	13.508	119	956350	50.667	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	470857	45.910	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	465610	45.229	ug/l	99
89) n-Butylbenzene	13.832	91	942593	50.087	ug/l	99
90) Hexachloroethane	14.102	117	198452	45.929	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	408227	45.113	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	28232	41.221	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	219394	44.897	ug/l	99
94) Hexachlorobutadiene	15.255	225	138177	46.100	ug/l	98
95) Naphthalene	15.384	128	383100	43.138	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	190370	44.154	ug/l	100

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

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