

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070707.D
 Acq On : 13 Oct 2021 19:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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10/19/2021 12:37:53 PM

Quant Time: Oct 14 04:06:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	320042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	563607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	549988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179300	47.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.200%
35) Dibromofluoromethane	7.908	113	185874	49.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.332	98	726821	50.738	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.620	95	260679	54.447	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	166080	42.547	ug/l	99
3) Chloromethane	2.209	50	221692	45.742	ug/l	100
4) Vinyl Chloride	2.344	62	246613	45.918	ug/l	96
5) Bromomethane	2.756	94	144881	43.994	ug/l	97
6) Chloroethane	2.915	64	136957	39.937	ug/l	98
7) Trichlorofluoromethane	3.267	101	319231	45.863	ug/l	95
8) Diethyl Ether	3.703	74	93578	51.673	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	186978	44.324	ug/l	98
10) Methyl Iodide	4.297	142	186333	43.313	ug/l	98
11) Tert butyl alcohol	5.220	59	44998	241.170	ug/l #	83
12) 1,1-Dichloroethene	4.062	96	175891	46.834	ug/l	94
13) Acrolein	3.920	56	44899	250.642	ug/l	99
14) Allyl chloride	4.714	41	238433	45.609	ug/l	99
15) Acrylonitrile	5.420	53	209852	267.095	ug/l	98
16) Acetone	4.156	43	150460	235.242	ug/l	94
17) Carbon Disulfide	4.409	76	579443	42.259	ug/l	99
18) Methyl Acetate	4.714	43	125755	50.952	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	417554	55.810	ug/l	100
20) Methylene Chloride	4.956	84	237866	50.471	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	215068	48.686	ug/l	95
22) Diisopropyl ether	6.361	45	548338	51.056	ug/l #	96
23) Vinyl Acetate	6.303	43	1239811	253.911	ug/l	95
24) 1,1-Dichloroethane	6.261	63	363270	45.924	ug/l	99
25) 2-Butanone	7.208	43	216009	257.947	ug/l	94
26) 2,2-Dichloropropane	7.208	77	283516	43.309	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	235501	50.732	ug/l	96
28) Bromochloromethane	7.544	49	126564	45.954	ug/l	90
29) Tetrahydrofuran	7.561	42	145270	269.138	ug/l	96
30) Chloroform	7.702	83	393975	47.879	ug/l	100
31) Cyclohexane	7.979	56	297805	42.701	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	333687	47.080	ug/l	98
36) 1,1-Dichloropropene	8.108	75	287591	48.045	ug/l	99
37) Ethyl Acetate	7.285	43	103215	51.902	ug/l	96
38) Carbon Tetrachloride	8.091	117	297778	47.536	ug/l	99
39) Methylcyclohexane	9.349	83	336112	48.830	ug/l	98
40) Benzene	8.344	78	857350	48.596	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	63091	61.516	ug/l	89
42) 1,2-Dichloroethane	8.420	62	224593	49.224	ug/l	99
43) Isopropyl Acetate	8.450	43	190368	52.242	ug/l	96
44) Trichloroethene	9.108	130	212699	48.891	ug/l	98
45) 1,2-Dichloropropane	9.379	63	219751	48.807	ug/l	96
46) Dibromomethane	9.473	93	117974	51.051	ug/l	97
47) Bromodichloromethane	9.655	83	295128	49.489	ug/l	98
48) Methyl methacrylate	9.449	41	90435	52.942	ug/l	93
49) 1,4-Dioxane	9.455	88	27785	1183.247	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	527077	280.359	ug/l	97
52) Toluene	10.396	92	565751	52.198	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	251458	48.178	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	285763	45.475	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	163205	51.841	ug/l	95
56) Ethyl methacrylate	10.655	69	198053	52.600	ug/l	95
57) 1,3-Dichloropropane	10.938	76	275331	51.411	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	412202	271.756	ug/l	97
59) 2-Hexanone	10.979	43	359646	264.127	ug/l	97
60) Dibromochloromethane	11.132	129	199265	52.541	ug/l	98
61) 1,2-Dibromoethane	11.238	107	154546	52.722	ug/l	98
64) Tetrachloroethene	10.867	164	177462	50.320	ug/l	96
65) Chlorobenzene	11.661	112	572069	48.779	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	216656	49.659	ug/l	99
67) Ethyl Benzene	11.738	91	1058899	52.323	ug/l	97
68) m/p-Xylenes	11.843	106	836081	104.903	ug/l	98
69) o-Xylene	12.173	106	385305	54.354	ug/l	100
70) Styrene	12.185	104	683775	54.748	ug/l	99
71) Bromoform	12.349	173	112103	54.731	ug/l #	98
73) Isopropylbenzene	12.467	105	996430	50.861	ug/l	98
74) N-amyl acetate	12.279	43	190078	51.485	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	186491	48.690	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	140265m	57.670	ug/l	
77) Bromobenzene	12.749	156	221099	50.482	ug/l	96
78) n-propylbenzene	12.808	91	1238640	49.961	ug/l	98
79) 2-Chlorotoluene	12.896	91	724682	49.829	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	885931	53.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	45318	41.368	ug/l	95
82) 4-Chlorotoluene	12.996	91	768874	50.571	ug/l	99
83) tert-Butylbenzene	13.214	119	723498	52.394	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	872599	52.490	ug/l	98
85) sec-Butylbenzene	13.390	105	1121790	52.405	ug/l	98
86) p-Isopropyltoluene	13.502	119	928985	53.132	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	463003	50.342	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	453015	49.682	ug/l	99
89) n-Butylbenzene	13.832	91	846311	50.704	ug/l	99
90) Hexachloroethane	14.096	117	178948	47.338	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	395971	50.490	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	28470	51.483	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	235029	55.668	ug/l	100
94) Hexachlorobutadiene	15.249	225	138631	51.962	ug/l	99
95) Naphthalene	15.384	128	453186	53.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	205531	55.267	ug/l	98

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

