

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070241.D
 Acq On : 25 Aug 2021 10:17
 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
 8/26/2021 4:58:30 PM

Quant Time: Aug 25 14:42:57 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	480200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	845122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	787184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	371997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	271076	47.996	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.000%		
35) Dibromofluoromethane	7.914	113	272079	49.831	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.660%		
50) Toluene-d8	10.338	98	1046612	49.284	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.560%		
62) 4-Bromofluorobenzene	12.626	95	342371	48.947	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	209393	44.791	ug/l	99
3) Chloromethane	2.209	50	295289	43.804	ug/l	98
4) Vinyl Chloride	2.350	62	329872	40.590	ug/l	99
5) Bromomethane	2.756	94	227555	51.133	ug/l	96
6) Chloroethane	2.915	64	226680	43.661	ug/l	95
7) Trichlorofluoromethane	3.268	101	436819	44.752	ug/l	96
8) Diethyl Ether	3.709	74	133103	47.649	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	286700	46.169	ug/l	99
10) Methyl Iodide	4.297	142	275064	48.446	ug/l	99
11) Tert butyl alcohol	5.226	59	71099	227.754	ug/l	99
12) 1,1-Dichloroethene	4.068	96	262123	45.946	ug/l	97
13) Acrolein	3.921	56	78768	219.052	ug/l	97
14) Allyl chloride	4.709	41	404167	47.479	ug/l	98
15) Acrylonitrile	5.415	53	323175	249.502	ug/l	99
16) Acetone	4.156	43	298164	286.575	ug/l	98
17) Carbon Disulfide	4.403	76	863439	41.861	ug/l	99
18) Methyl Acetate	4.715	43	150453	48.502	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	593288	50.108	ug/l	97
20) Methylene Chloride	4.962	84	342813	48.023	ug/l	96
21) trans-1,2-Dichloroethene	5.468	96	310275	46.821	ug/l	99
22) Diisopropyl ether	6.362	45	905418	50.573	ug/l	98
23) Vinyl Acetate	6.303	43	2168388	267.251	ug/l	99
24) 1,1-Dichloroethane	6.262	63	582172	47.528	ug/l	99
25) 2-Butanone	7.214	43	382402	268.977	ug/l	94
26) 2,2-Dichloropropane	7.209	77	476431	49.955	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	341553	48.533	ug/l	99
28) Bromochloromethane	7.544	49	209853	47.079	ug/l	98
29) Tetrahydrofuran	7.561	42	240782	258.646	ug/l	98
30) Chloroform	7.709	83	578242	48.001	ug/l	99
31) Cyclohexane	7.985	56	509464	45.573	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	480370	47.719	ug/l	98
36) 1,1-Dichloropropene	8.109	75	446401	49.100	ug/l	99
37) Ethyl Acetate	7.291	43	178113	53.935	ug/l	98
38) Carbon Tetrachloride	8.097	117	415750	50.370	ug/l	95
39) Methylcyclohexane	9.356	83	515979	48.744	ug/l	96
40) Benzene	8.350	78	1274894	48.345	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	89408	50.077	ug/l	99
42) 1,2-Dichloroethane	8.420	62	331024	48.980	ug/l	99
43) Isopropyl Acetate	8.450	43	318873	51.721	ug/l	97
44) Trichloroethene	9.108	130	302086	47.421	ug/l	95
45) 1,2-Dichloropropane	9.385	63	342079	49.940	ug/l	97
46) Dibromomethane	9.473	93	167029	50.204	ug/l	97
47) Bromodichloromethane	9.661	83	431707	50.154	ug/l	98
48) Methyl methacrylate	9.456	41	157681	53.633	ug/l	97
49) 1,4-Dioxane	9.456	88	38780	1071.078	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	868076	270.790	ug/l	98
52) Toluene	10.397	92	792694	49.386	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	391365	51.331	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	465107	50.260	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	232344	49.289	ug/l	98
56) Ethyl methacrylate	10.655	69	282208	52.608	ug/l	99
57) 1,3-Dichloropropane	10.944	76	408245	50.026	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	822360	290.658	ug/l	99
59) 2-Hexanone	10.979	43	608170	283.281	ug/l	98
60) Dibromochloromethane	11.132	129	268468	49.716	ug/l	98
61) 1,2-Dibromoethane	11.238	107	213708	50.078	ug/l	100
64) Tetrachloroethene	10.873	164	238070	46.880	ug/l	98
65) Chlorobenzene	11.667	112	806430	49.032	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	290383	49.716	ug/l	98
67) Ethyl Benzene	11.738	91	1491546	51.292	ug/l	98
68) m/p-Xylenes	11.844	106	1164855	103.364	ug/l	98
69) o-Xylene	12.173	106	526318	51.761	ug/l	99
70) Styrene	12.185	104	935244	52.515	ug/l	100
71) Bromoform	12.349	173	141981	49.893	ug/l #	99
73) Isopropylbenzene	12.473	105	1402056	51.685	ug/l	99
74) N-amyl acetate	12.279	43	310820	53.142	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	277410	51.252	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	187706m	49.756	ug/l	
77) Bromobenzene	12.749	156	292134	48.519	ug/l	97
78) n-propylbenzene	12.814	91	1830044	52.311	ug/l	99
79) 2-Chlorotoluene	12.897	91	1010851	50.222	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1189488	51.506	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	81107	55.804	ug/l	98
82) 4-Chlorotoluene	12.997	91	1060061	50.298	ug/l	99
83) tert-Butylbenzene	13.214	119	972177	51.791	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1186831	51.807	ug/l	99
85) sec-Butylbenzene	13.391	105	1565461	52.052	ug/l	98
86) p-Isopropyltoluene	13.508	119	1263887	52.017	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	621885	48.612	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	608352	48.012	ug/l	99
89) n-Butylbenzene	13.832	91	1257823	52.754	ug/l	99
90) Hexachloroethane	14.096	117	254397	49.616	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	546493	49.854	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	39924	49.381	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	303710	49.822	ug/l	98
94) Hexachlorobutadiene	15.255	225	178111	49.463	ug/l	99
95) Naphthalene	15.385	128	569325	51.316	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	269142	50.578	ug/l	98

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

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