

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068822.D
 Acq On : 09 Apr 2021 20:04
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 2:54:53 PM

Quant Time: Apr 10 00:46:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	372106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	636576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	590603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	292124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186150	47.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.66%		
35) Dibromofluoromethane	7.914	113	208745	50.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.82%		
50) Toluene-d8	10.338	98	767952	49.17	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.34%		
62) 4-Bromofluorobenzene	12.632	95	263520	50.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.60%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	143738	38.98	ug/l	99
3) Chloromethane	2.209	50	174066	40.16	ug/l	99
4) Vinyl Chloride	2.350	62	217716	39.98	ug/l	100
5) Bromomethane	2.762	94	178943	43.96	ug/l	99
6) Chloroethane	2.920	64	151094	42.22	ug/l	99
7) Trichlorofluoromethane	3.273	101	290556	45.35	ug/l	99
8) Diethyl Ether	3.714	74	86578	50.03	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	171729	44.41	ug/l	98
10) Methyl Iodide	4.303	142	204749	45.46	ug/l	99
11) Tert butyl alcohol	5.220	59	44496	208.14	ug/l	99
12) 1,1-Dichloroethene	4.067	96	168352	45.20	ug/l	98
13) Acrolein	3.920	56	33149	214.16	ug/l	95
14) Allyl chloride	4.714	41	190023	45.27	ug/l	96
15) Acrylonitrile	5.426	53	172823	222.54	ug/l	98
16) Acetone	4.156	43	110613	203.12	ug/l	94
17) Carbon Disulfide	4.409	76	529937	43.96	ug/l	100
18) Methyl Acetate	4.726	43	67808	45.32	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	416682	50.42	ug/l	93
20) Methylene Chloride	4.961	84	222675	50.53	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	217971	45.57	ug/l	97
22) Diisopropyl ether	6.361	45	448625	44.11	ug/l	96
23) Vinyl Acetate	6.308	43	1236481	229.40	ug/l	97
24) 1,1-Dichloroethane	6.267	63	335633	43.77	ug/l	99
25) 2-Butanone	7.214	43	165623	214.92	ug/l	98
26) 2,2-Dichloropropane	7.208	77	264264	42.19	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	222129	46.73	ug/l	97
28) Bromochloromethane	7.544	49	116708	42.17	ug/l	85
29) Tetrahydrofuran	7.561	42	109696	211.66	ug/l	90
30) Chloroform	7.714	83	349898	41.69	ug/l	98
31) Cyclohexane	7.985	56	255060	38.98	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	320892	43.75	ug/l	97
36) 1,1-Dichloropropene	8.114	75	273707	42.48	ug/l	98
37) Ethyl Acetate	7.297	43	80564	42.57	ug/l	97
38) Carbon Tetrachloride	8.097	117	279957	43.88	ug/l	99
39) Methylcyclohexane	9.355	83	331822	44.16	ug/l	98
40) Benzene	8.350	78	826643	43.84	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	43868	39.15	ug/l #	86
42) 1,2-Dichloroethane	8.426	62	225805	45.30	ug/l	99
43) Isopropyl Acetate	8.455	43	174866	45.32	ug/l	98
44) Trichloroethene	9.114	130	241815	46.43	ug/l	90
45) 1,2-Dichloropropane	9.391	63	196428	43.62	ug/l	98
46) Dibromomethane	9.473	93	115227	45.93	ug/l	92
47) Bromodichloromethane	9.661	83	302897	46.21	ug/l	98
48) Methyl methacrylate	9.455	41	91301	48.02	ug/l	97
49) 1,4-Dioxane	9.461	88	27015	1017.07	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	443001	227.81	ug/l	99
52) Toluene	10.408	92	538435	45.10	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	266963	45.95	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	319911	46.04	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	164450	46.36	ug/l	98
56) Ethyl methacrylate	10.661	69	183807	50.34	ug/l	99
57) 1,3-Dichloropropane	10.944	76	269623	46.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	482997	248.55	ug/l	97
59) 2-Hexanone	10.985	43	300535	230.97	ug/l	97
60) Dibromochloromethane	11.138	129	214756	48.28	ug/l	99
61) 1,2-Dibromoethane	11.243	107	162072	47.01	ug/l	96
64) Tetrachloroethene	10.873	164	196620	47.49	ug/l	98
65) Chlorobenzene	11.667	112	595664	46.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	225558	49.07	ug/l	100
67) Ethyl Benzene	11.743	91	1045287	47.22	ug/l	98
68) m/p-Xylenes	11.849	106	820007	95.99	ug/l	98
69) o-Xylene	12.179	106	384110	49.45	ug/l	97
70) Styrene	12.191	104	669904	49.48	ug/l	99
71) Bromoform	12.355	173	121737	49.43	ug/l #	99
73) Isopropylbenzene	12.479	105	1006893	47.21	ug/l	100
74) N-amyl acetate	12.285	43	165548	45.77	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	178779	44.84	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	134684m	50.47	ug/l	
77) Bromobenzene	12.755	156	244781	47.74	ug/l	96
78) n-propylbenzene	12.820	91	1162723	44.88	ug/l	98
79) 2-Chlorotoluene	12.902	91	665019	45.95	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	846420	47.46	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	53431	46.46	ug/l	97
82) 4-Chlorotoluene	13.002	91	694388	45.27	ug/l	98
83) tert-Butylbenzene	13.220	119	718391	47.48	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	844552	46.89	ug/l	98
85) sec-Butylbenzene	13.396	105	978680	45.84	ug/l	99
86) p-Isopropyltoluene	13.514	119	908240	46.57	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	465126	45.78	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	450901	44.85	ug/l	98
89) n-Butylbenzene	13.837	91	823192	44.82	ug/l	100
90) Hexachloroethane	14.108	117	169608	43.66	ug/l	96
91) 1,2-Dichlorobenzene	13.885	146	407984	46.41	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	26763	44.16	ug/l	98
93) 1,2,4-Trichlorobenzene	15.155	180	259065	47.62	ug/l	99
94) Hexachlorobutadiene	15.261	225	146903	47.17	ug/l	99
95) Naphthalene	15.396	128	480248	50.68	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	229907	48.32	ug/l	97

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

