

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068805.D
 Acq On : 09 Apr 2021 11:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 2:54:45 PM

Quant Time: Apr 10 00:39:51 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	7.985	168	365428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	578903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	543925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	259660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	169757	43.96	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.92%		
35) Dibromofluoromethane	7.914	113	188780	50.14	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.28%		
50) Toluene-d8	10.338	98	695296	48.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.90%		
62) 4-Bromofluorobenzene	12.632	95	224466	47.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.16%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	160676	44.37	ug/l	98
3) Chloromethane	2.209	50	176657	41.50	ug/l	98
4) Vinyl Chloride	2.350	62	232596	43.49	ug/l	99
5) Bromomethane	2.762	94	170404	42.63	ug/l	94
6) Chloroethane	2.921	64	148630	42.29	ug/l	97
7) Trichlorofluoromethane	3.273	101	308868	49.09	ug/l	99
8) Diethyl Ether	3.709	74	81112	47.73	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	185869	48.94	ug/l	98
10) Methyl Iodide	4.303	142	194545	44.06	ug/l	99
11) Tert butyl alcohol	5.226	59	49746	241.65	ug/l	98
12) 1,1-Dichloroethene	4.073	96	174984	47.84	ug/l	99
13) Acrolein	3.921	56	32648	214.78	ug/l	99
14) Allyl chloride	4.715	41	180270	43.73	ug/l	95
15) Acrylonitrile	5.426	53	170141	223.09	ug/l	98
16) Acetone	4.162	43	148522	277.71	ug/l	98
17) Carbon Disulfide	4.409	76	545884	46.11	ug/l	100
18) Methyl Acetate	4.726	43	62493	42.54	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	380266	46.85	ug/l	94
20) Methylene Chloride	4.973	84	206327	47.38	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	212591	45.26	ug/l	98
22) Diisopropyl ether	6.362	45	427258	42.78	ug/l	96
23) Vinyl Acetate	6.309	43	1198492	226.41	ug/l	96
24) 1,1-Dichloroethane	6.262	63	324752	43.12	ug/l	98
25) 2-Butanone	7.214	43	170301	225.03	ug/l	96
26) 2,2-Dichloropropane	7.209	77	278482	45.27	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	209323	44.84	ug/l	97
28) Bromochloromethane	7.550	49	114512	42.13	ug/l	90
29) Tetrahydrofuran	7.561	42	111914	219.89	ug/l	90
30) Chloroform	7.714	83	362377	43.96	ug/l	96
31) Cyclohexane	7.985	56	277589	43.20	ug/l	99
32) 1,1,1-Trichloroethane	7.909	97	330986	45.95	ug/l	98
36) 1,1-Dichloropropene	8.114	75	284671	48.58	ug/l	99
37) Ethyl Acetate	7.297	43	76396	44.39	ug/l	98
38) Carbon Tetrachloride	8.097	117	296544	51.12	ug/l	96
39) Methylcyclohexane	9.355	83	358396	52.45	ug/l	96
40) Benzene	8.350	78	810082	47.24	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	43447m	42.64	ug/l	
42) 1,2-Dichloroethane	8.426	62	212398	46.86	ug/l	99
43) Isopropyl Acetate	8.456	43	164707	46.94	ug/l	96
44) Trichloroethene	9.114	130	236437	49.92	ug/l	91
45) 1,2-Dichloropropane	9.391	63	188903	46.12	ug/l	97
46) Dibromomethane	9.479	93	111543	48.89	ug/l	94
47) Bromodichloromethane	9.661	83	287138	48.18	ug/l	99
48) Methyl methacrylate	9.456	41	74817	43.27	ug/l #	82
49) 1,4-Dioxane	9.467	88	26151	1082.63	ug/l	90
51) 4-Methyl-2-Pentanone	10.232	43	432410	244.51	ug/l	99
52) Toluene	10.403	92	538420	49.59	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	258969	49.02	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	307163	48.61	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	154769	47.98	ug/l	99
56) Ethyl methacrylate	10.661	69	172335	51.90	ug/l	97
57) 1,3-Dichloropropane	10.944	76	254768	47.96	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	433619	245.59	ug/l	97
59) 2-Hexanone	10.985	43	306893	259.35	ug/l	98
60) Dibromochloromethane	11.138	129	200766	49.63	ug/l	100
61) 1,2-Dibromoethane	11.244	107	153881	49.08	ug/l	98
64) Tetrachloroethene	10.873	164	193473	50.74	ug/l	98
65) Chlorobenzene	11.667	112	579702	49.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	215256	50.85	ug/l	100
67) Ethyl Benzene	11.744	91	1022550	50.15	ug/l	99
68) m/p-Xylenes	11.849	106	808516	102.77	ug/l	97
69) o-Xylene	12.179	106	367729	51.40	ug/l	96
70) Styrene	12.191	104	638948	51.25	ug/l	99
71) Bromoform	12.361	173	114070	50.30	ug/l #	98
73) Isopropylbenzene	12.479	105	990265	52.23	ug/l	99
74) N-amyl acetate	12.285	43	157453	48.97	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	169781	47.91	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	107007m	45.11	ug/l	
77) Bromobenzene	12.755	156	229937	50.45	ug/l	96
78) n-propylbenzene	12.814	91	1198474	52.04	ug/l	99
79) 2-Chlorotoluene	12.902	91	646179	50.23	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	834665	52.66	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	51265	50.15	ug/l	99
82) 4-Chlorotoluene	13.002	91	683069	50.10	ug/l	98
83) tert-Butylbenzene	13.220	119	700948	52.12	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	834896	52.15	ug/l	99
85) sec-Butylbenzene	13.396	105	1005827	53.00	ug/l	99
86) p-Isopropyltoluene	13.514	119	925281	53.38	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	452221	50.08	ug/l	98
88) 1,4-Dichlorobenzene	13.591	146	442446	49.51	ug/l	99
89) n-Butylbenzene	13.838	91	864488	52.95	ug/l	99
90) Hexachloroethane	14.102	117	175387	50.80	ug/l	98
91) 1,2-Dichlorobenzene	13.885	146	387193	49.55	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	25228	46.83	ug/l	99
93) 1,2,4-Trichlorobenzene	15.155	180	252867	52.29	ug/l	100
94) Hexachlorobutadiene	15.261	225	149187	53.89	ug/l	96
95) Naphthalene	15.390	128	454033	53.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	221702	52.42	ug/l	98

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

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