

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069186.D
 Acq On : 14 May 2021 19:41
 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
 5/17/2021 2:35:00 PM

Quant Time: May 15 02:37:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	304314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	514097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	501026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	239656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	151046	49.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.02%		
35) Dibromofluoromethane	7.914	113	159041	47.54	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.08%		
50) Toluene-d8	10.338	98	580867	47.25	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.50%		
62) 4-Bromofluorobenzene	12.632	95	192474	48.66	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.32%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	140020	43.28	ug/l	99
3) Chloromethane	2.209	50	191018	51.37	ug/l	98
4) Vinyl Chloride	2.350	62	232648	47.47	ug/l	99
5) Bromomethane	2.768	94	172437	46.77	ug/l	99
6) Chloroethane	2.920	64	167031	52.98	ug/l	91
7) Trichlorofluoromethane	3.273	101	274292	45.87	ug/l	99
8) Diethyl Ether	3.709	74	78552	57.54	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	159530	47.08	ug/l	96
10) Methyl Iodide	4.297	142	156829	44.57	ug/l	98
11) Tert butyl alcohol	5.226	59	47297	307.12	ug/l #	92
12) 1,1-Dichloroethene	4.073	96	151685	49.82	ug/l	95
13) Acrolein	3.926	56	67279	271.05	ug/l	98
14) Allyl chloride	4.714	41	170695	51.11	ug/l	99
15) Acrylonitrile	5.426	53	144251	283.13	ug/l	97
16) Acetone	4.156	43	109097	233.49	ug/l	97
17) Carbon Disulfide	4.415	76	482405	47.80	ug/l	100
18) Methyl Acetate	4.720	43	64133	56.49	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	324797	58.79	ug/l	99
20) Methylene Chloride	4.967	84	238560	65.58	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	187313	51.89	ug/l	97
22) Diisopropyl ether	6.361	45	381364	57.17	ug/l	95
23) Vinyl Acetate	6.309	43	1178524	299.38	ug/l	99
24) 1,1-Dichloroethane	6.267	63	300451	52.14	ug/l	97
25) 2-Butanone	7.214	43	172591	272.59	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	257777	47.83	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	210164	53.62	ug/l	97
28) Bromochloromethane	7.550	49	108666	52.90	ug/l	98
29) Tetrahydrofuran	7.561	42	101776	295.71	ug/l	99
30) Chloroform	7.708	83	341969	52.71	ug/l	99
31) Cyclohexane	7.985	56	208343	46.08	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	296696	50.40	ug/l	99
36) 1,1-Dichloropropene	8.114	75	246028	49.23	ug/l	99
37) Ethyl Acetate	7.291	43	87464	54.47	ug/l	98
38) Carbon Tetrachloride	8.097	117	260067	46.55	ug/l	94
39) Methylcyclohexane	9.355	83	250572	47.53	ug/l	98
40) Benzene	8.350	78	727493	50.81	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	46068	53.89	ug/l #	79
42) 1,2-Dichloroethane	8.426	62	207032	52.96	ug/l	99
43) Isopropyl Acetate	8.455	43	164180	56.30	ug/l	99
44) Trichloroethene	9.114	130	200363	50.07	ug/l	99
45) 1,2-Dichloropropane	9.385	63	175408	51.91	ug/l	96
46) Dibromomethane	9.473	93	105950	52.45	ug/l	99
47) Bromodichloromethane	9.661	83	265287	51.61	ug/l	97
48) Methyl methacrylate	9.455	41	74042	54.91	ug/l	94
49) 1,4-Dioxane	9.461	88	21398	1086.79	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	429136	286.03	ug/l	99
52) Toluene	10.402	92	486882	52.69	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	240856	53.32	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	282340	52.29	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	142471	52.33	ug/l	96
56) Ethyl methacrylate	10.661	69	159089	53.47	ug/l	97
57) 1,3-Dichloropropane	10.944	76	236925	53.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	398807	295.88	ug/l	100
59) 2-Hexanone	10.985	43	287871	287.53	ug/l	99
60) Dibromochloromethane	11.138	129	183702	52.53	ug/l	99
61) 1,2-Dibromoethane	11.244	107	141541	52.60	ug/l	98
64) Tetrachloroethene	10.873	164	166654	47.86	ug/l	97
65) Chlorobenzene	11.667	112	521268	50.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	196794	50.25	ug/l	99
67) Ethyl Benzene	11.744	91	904588	50.62	ug/l	96
68) m/p-Xylenes	11.849	106	712902	101.80	ug/l	100
69) o-Xylene	12.179	106	329768	52.95	ug/l	99
70) Styrene	12.191	104	579784	53.33	ug/l	99
71) Bromoform	12.355	173	102952	50.54	ug/l #	100
73) Isopropylbenzene	12.473	105	845964	50.50	ug/l	100
74) N-amyl acetate	12.285	43	153887	56.18	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	158360	52.17	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	96243m	53.42	ug/l	
77) Bromobenzene	12.755	156	209757	52.77	ug/l	100
78) n-propylbenzene	12.814	91	1024151	50.67	ug/l	99
79) 2-Chlorotoluene	12.902	91	578486	51.45	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	712477	51.59	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	45539	51.06	ug/l	97
82) 4-Chlorotoluene	13.002	91	602419	50.29	ug/l	98
83) tert-Butylbenzene	13.220	119	605688	52.63	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	730592	52.58	ug/l	100
85) sec-Butylbenzene	13.396	105	882784	51.01	ug/l	99
86) p-Isopropyltoluene	13.508	119	771631	50.75	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	403659	50.18	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	397675	49.91	ug/l	99
89) n-Butylbenzene	13.838	91	706767	49.89	ug/l	99
90) Hexachloroethane	14.102	117	136254	47.82	ug/l	100
91) 1,2-Dichlorobenzene	13.885	146	353631	51.19	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	22970	48.75	ug/l	93
93) 1,2,4-Trichlorobenzene	15.155	180	208011	49.13	ug/l	98
94) Hexachlorobutadiene	15.261	225	119168	46.90	ug/l	99
95) Naphthalene	15.390	128	399931	50.95	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	186378	51.46	ug/l	99

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

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