

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069147.D
 Acq On : 13 May 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
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5/14/2021 6:49:13 PM

Quant Time: May 14 01:18:41 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	301089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	464638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	442556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	222020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138970	46.04	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.08%			
35) Dibromofluoromethane	7.914	113	152199	50.33	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.66%			
50) Toluene-d8	10.338	98	569755	51.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.56%			
62) 4-Bromofluorobenzene	12.626	95	179808	50.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.60%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	155587	48.60	ug/l	99
3) Chloromethane	2.209	50	178788	48.59	ug/l	96
4) Vinyl Chloride	2.350	62	244204	50.36	ug/l	100
5) Bromomethane	2.768	94	161908	44.38	ug/l	98
6) Chloroethane	2.920	64	153792	49.30	ug/l	96
7) Trichlorofluoromethane	3.268	101	290740	49.14	ug/l	98
8) Diethyl Ether	3.709	74	62341	46.16	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	168974	50.40	ug/l	98
10) Methyl Iodide	4.303	142	158873	45.61	ug/l	98
11) Tert butyl alcohol	5.214	59	39222	250.09	ug/l	97
12) 1,1-Dichloroethene	4.067	96	153448	50.94	ug/l	99
13) Acrolein	3.920	56	62398	254.08	ug/l	96
14) Allyl chloride	4.715	41	161196	48.78	ug/l	98
15) Acrylonitrile	5.420	53	120334	238.72	ug/l	99
16) Acetone	4.156	43	131111	283.61	ug/l	98
17) Carbon Disulfide	4.409	76	499931	50.06	ug/l	97
18) Methyl Acetate	4.720	43	54581	48.59	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	264858	48.45	ug/l	100
20) Methylene Chloride	4.967	84	182225	48.10	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	179088	50.14	ug/l	94
22) Diisopropyl ether	6.361	45	333395	50.51	ug/l	97
23) Vinyl Acetate	6.303	43	995313	255.55	ug/l	99
24) 1,1-Dichloroethane	6.261	63	281621	49.40	ug/l	99
25) 2-Butanone	7.214	43	157222	250.98	ug/l	92
26) 2,2-Dichloropropane	7.208	77	272025	51.02	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	190169	49.04	ug/l	99
28) Bromochloromethane	7.544	49	96045	47.25	ug/l	100
29) Tetrahydrofuran	7.561	42	84270	247.47	ug/l	97
30) Chloroform	7.708	83	314025	48.92	ug/l	98
31) Cyclohexane	7.985	56	219931	49.16	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	293647	50.42	ug/l	100
36) 1,1-Dichloropropene	8.114	75	253089	56.03	ug/l	98
37) Ethyl Acetate	7.285	43	67988	46.85	ug/l	97
38) Carbon Tetrachloride	8.097	117	272043	53.87	ug/l	95
39) Methylcyclohexane	9.355	83	269692	56.60	ug/l	97
40) Benzene	8.350	78	680979	52.63	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	40308	52.18	ug/l #	76
42) 1,2-Dichloroethane	8.426	62	184314	52.17	ug/l	99
43) Isopropyl Acetate	8.450	43	136666	51.85	ug/l	99
44) Trichloroethene	9.114	130	193763	53.58	ug/l	99
45) 1,2-Dichloropropane	9.385	63	164726	53.93	ug/l	94
46) Dibromomethane	9.473	93	94864	51.96	ug/l	99
47) Bromodichloromethane	9.661	83	241891	52.06	ug/l	97
48) Methyl methacrylate	9.455	41	70327	57.70	ug/l	92
49) 1,4-Dioxane	9.455	88	18048	1013.11	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	356585	262.97	ug/l	100
52) Toluene	10.402	92	456687	54.69	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	210624	51.59	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	249501	51.13	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	125607	51.04	ug/l	93
56) Ethyl methacrylate	10.655	69	134390	50.06	ug/l	98
57) 1,3-Dichloropropane	10.944	76	209336	52.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	321157	263.64	ug/l	100
59) 2-Hexanone	10.985	43	259922	287.25	ug/l	97
60) Dibromochloromethane	11.138	129	165714	52.43	ug/l	99
61) 1,2-Dibromoethane	11.244	107	123984	50.98	ug/l	98
64) Tetrachloroethene	10.873	164	167858	54.57	ug/l	98
65) Chlorobenzene	11.667	112	486823	53.08	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	178733	51.67	ug/l	97
67) Ethyl Benzene	11.744	91	878434	55.65	ug/l	98
68) m/p-Xylenes	11.849	106	699179	113.03	ug/l	98
69) o-Xylene	12.179	106	306941	55.80	ug/l	100
70) Styrene	12.191	104	540064	56.24	ug/l	99
71) Bromoform	12.355	173	92810	51.59	ug/l #	98
73) Isopropylbenzene	12.473	105	862248	55.56	ug/l	99
74) N-amyl acetate	12.285	43	132239	52.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	140023	49.79	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	90978m	54.51	ug/l	
77) Bromobenzene	12.755	156	199666	54.22	ug/l	97
78) n-propylbenzene	12.814	91	1056518	56.43	ug/l	100
79) 2-Chlorotoluene	12.902	91	564995	54.24	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	721222	56.37	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	41434	50.15	ug/l	97
82) 4-Chlorotoluene	13.002	91	596820	53.78	ug/l	100
83) tert-Butylbenzene	13.220	119	612118	57.41	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	724113	56.26	ug/l	99
85) sec-Butylbenzene	13.396	105	907823	56.62	ug/l	100
86) p-Isopropyltoluene	13.508	119	818238	58.09	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	400687	53.76	ug/l	100
88) 1,4-Dichlorobenzene	13.591	146	389747	52.80	ug/l	99
89) n-Butylbenzene	13.838	91	754651	57.50	ug/l	99
90) Hexachloroethane	14.102	117	140858	53.36	ug/l	97
91) 1,2-Dichlorobenzene	13.885	146	336829	52.63	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	21037	48.20	ug/l	95
93) 1,2,4-Trichlorobenzene	15.155	180	200504	51.12	ug/l	100
94) Hexachlorobutadiene	15.261	225	128478	54.58	ug/l	97
95) Naphthalene	15.396	128	337280	46.56	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	174535	52.01	ug/l	99

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

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