

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
 Data File : VD069117.D
 Acq On : 10 May 2021 12:18
 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
 5/11/2021 10:36:26 AM

Quant Time: May 10 16:09:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	313474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	495923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	470904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	237654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	168563	41.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.44%		
35) Dibromofluoromethane	7.914	113	176081	51.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.56%		
50) Toluene-d8	10.338	98	670801	53.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.86%		
62) 4-Bromofluorobenzene	12.632	95	216872	52.51	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.02%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	176236	46.23	ug/l	98
3) Chloromethane	2.209	50	189951	40.49	ug/l	95
4) Vinyl Chloride	2.344	62	256565	41.35	ug/l	98
5) Bromomethane	2.762	94	158671	42.98	ug/l	99
6) Chloroethane	2.920	64	143536	39.78	ug/l	99
7) Trichlorofluoromethane	3.267	101	388000	56.95	ug/l	99
8) Diethyl Ether	3.709	74	85767	51.82	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	186804	51.20	ug/l	97
10) Methyl Iodide	4.297	142	186359	56.22	ug/l	94
11) Tert butyl alcohol	5.214	59	48075	169.93	ug/l #	81
12) 1,1-Dichloroethene	4.062	96	169297	51.54	ug/l	95
13) Acrolein	3.920	56	49277	203.54	ug/l	99
14) Allyl chloride	4.709	41	183812	43.42	ug/l #	92
15) Acrylonitrile	5.426	53	162184	225.42	ug/l	98
16) Acetone	4.156	43	151086	268.11	ug/l	92
17) Carbon Disulfide	4.409	76	515615	46.43	ug/l	99
18) Methyl Acetate	4.714	43	68268	43.39	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	362948	48.34	ug/l	96
20) Methylene Chloride	4.967	84	228571	58.94	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	198368	50.82	ug/l	90
22) Diisopropyl ether	6.367	45	416204	44.05	ug/l #	90
23) Vinyl Acetate	6.303	43	1186905	219.72	ug/l #	94
24) 1,1-Dichloroethane	6.267	63	313849	47.03	ug/l	98
25) 2-Butanone	7.214	43	181417	210.05	ug/l	91
26) 2,2-Dichloropropane	7.208	77	306506	49.17	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	214439	50.90	ug/l	95
28) Bromochloromethane	7.544	49	110693	41.09	ug/l #	82
29) Tetrahydrofuran	7.561	42	111463	209.79	ug/l	91
30) Chloroform	7.714	83	351311	47.07	ug/l	95
31) Cyclohexane	7.985	56	268927	45.90	ug/l #	94
32) 1,1,1-Trichloroethane	7.903	97	325617	47.77	ug/l	98
36) 1,1-Dichloropropene	8.108	75	272530	52.23	ug/l	95
37) Ethyl Acetate	7.291	43	84012	42.71	ug/l #	94
38) Carbon Tetrachloride	8.097	117	296379	52.38	ug/l	99
39) Methylcyclohexane	9.355	83	334367	58.61	ug/l	96
40) Benzene	8.350	78	755512	52.33	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	51462m	45.12	ug/l	
42) 1,2-Dichloroethane	8.426	62	206058	45.66	ug/l	97
43) Isopropyl Acetate	8.450	43	161575	43.81	ug/l	94
44) Trichloroethene	9.114	130	213657	55.67	ug/l	94
45) 1,2-Dichloropropane	9.385	63	181018	50.92	ug/l	96
46) Dibromomethane	9.473	93	104404	51.10	ug/l	94
47) Bromodichloromethane	9.661	83	270780	50.41	ug/l	100
48) Methyl methacrylate	9.455	41	80428	44.23	ug/l	90
49) 1,4-Dioxane	9.461	88	24765	1048.29	ug/l #	86
51) 4-Methyl-2-Pentanone	10.226	43	423525	224.32	ug/l	95
52) Toluene	10.402	92	503497	54.95	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	243140	52.08	ug/l	95
54) cis-1,3-Dichloropropene	10.091	75	279531	50.64	ug/l	92
55) 1,1,2-Trichloroethane	10.796	97	146289	53.92	ug/l #	94
56) Ethyl methacrylate	10.661	69	159269	48.81	ug/l	90
57) 1,3-Dichloropropane	10.944	76	236952	51.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	385685	245.49	ug/l	95
59) 2-Hexanone	10.985	43	310435	243.61	ug/l	93
60) Dibromochloromethane	11.138	129	185921	51.50	ug/l	96
61) 1,2-Dibromoethane	11.244	107	138220	52.48	ug/l	99
64) Tetrachloroethene	10.873	164	181978	59.96	ug/l	95
65) Chlorobenzene	11.667	112	532463	55.40	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	203095	55.84	ug/l	97
67) Ethyl Benzene	11.743	91	965682	56.67	ug/l	100
68) m/p-Xylenes	11.849	106	768736	119.98	ug/l	94
69) o-Xylene	12.179	106	341402	59.44	ug/l	96
70) Styrene	12.191	104	594158	58.57	ug/l	98
71) Bromoform	12.355	173	105205	56.44	ug/l #	96
73) Isopropylbenzene	12.479	105	949156	57.70	ug/l	100
74) N-amyl acetate	12.285	43	153417	44.41	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.726	83	161997	50.23	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	107820m	52.12	ug/l	
77) Bromobenzene	12.755	156	211425	55.52	ug/l	92
78) n-propylbenzene	12.814	91	1159950	57.40	ug/l	99
79) 2-Chlorotoluene	12.902	91	616453	54.70	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	801945	57.27	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	50753	53.38	ug/l	89
82) 4-Chlorotoluene	13.002	91	657868	54.53	ug/l	98
83) tert-Butylbenzene	13.220	119	682712	59.82	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	808684	57.80	ug/l	100
85) sec-Butylbenzene	13.396	105	970836	58.77	ug/l	99
86) p-Isopropyltoluene	13.508	119	900630	59.07	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	425387	55.66	ug/l	97
88) 1,4-Dichlorobenzene	13.590	146	422289	56.06	ug/l	98
89) n-Butylbenzene	13.838	91	846666	58.52	ug/l	98
90) Hexachloroethane	14.108	117	173680	55.41	ug/l	93
91) 1,2-Dichlorobenzene	13.885	146	368576	55.47	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	24580	46.34	ug/l	86
93) 1,2,4-Trichlorobenzene	15.155	180	240022	60.89	ug/l	98
94) Hexachlorobutadiene	15.261	225	142762	62.54	ug/l	98
95) Naphthalene	15.396	128	424687	52.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.584	180	208175	61.14	ug/l	98

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

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