

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068326.D
 Acq On : 08 Feb 2021 19:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/9/2021 9:59:53 AM

Quant Time: Feb 09 00:17:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	323885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	587053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	535266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	244482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	144340	46.59	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.18%		
35) Dibromofluoromethane	7.920	113	156401	48.19	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.38%		
50) Toluene-d8	10.344	98	551292	42.47	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	84.94%		
62) 4-Bromofluorobenzene	12.632	95	201087	43.01	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.02%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	161411	41.95	ug/l	99
3) Chloromethane	2.209	50	207304	50.03	ug/l	99
4) Vinyl Chloride	2.350	62	243902	52.92	ug/l	99
5) Bromomethane	2.773	94	186009	58.86	ug/l	99
6) Chloroethane	2.926	64	166703	59.21	ug/l	95
7) Trichlorofluoromethane	3.279	101	301174	49.79	ug/l	98
8) Diethyl Ether	3.709	74	94933	53.30	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	182594	51.76	ug/l	94
10) Methyl Iodide	4.303	142	180568	45.91	ug/l	94
11) Tert butyl alcohol	5.226	59	60186	204.50	ug/l	98
12) 1,1-Dichloroethene	4.073	96	182370	51.40	ug/l	97
13) Acrolein	3.926	56	57502	235.51	ug/l	97
14) Allyl chloride	4.720	41	239945	46.49	ug/l	97
15) Acrylonitrile	5.426	53	195843	277.59	ug/l	98
16) Acetone	4.156	43	145029	262.15	ug/l	97
17) Carbon Disulfide	4.415	76	533602	46.69	ug/l	98
18) Methyl Acetate	4.720	43	86529	60.26	ug/l	92
19) Methyl tert-butyl Ether	5.485	73	446745	54.46	ug/l	94
20) Methylene Chloride	4.968	84	231141	60.72	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	216665	53.19	ug/l	92
22) Diisopropyl ether	6.367	45	536829	51.54	ug/l	97
23) Vinyl Acetate	6.309	43	1411812	254.30	ug/l	100
24) 1,1-Dichloroethane	6.267	63	368510	54.61	ug/l	98
25) 2-Butanone	7.214	43	215737	258.99	ug/l	98
26) 2,2-Dichloropropane	7.214	77	301247	47.18	ug/l	100
27) cis-1,2-Dichloroethene	7.220	96	250184	56.57	ug/l	97
28) Bromochloromethane	7.550	49	119842	52.13	ug/l	84
29) Tetrahydrofuran	7.567	42	138134	255.81	ug/l	99
30) Chloroform	7.714	83	393496	57.71	ug/l	97
31) Cyclohexane	7.991	56	291581	43.46	ug/l	92
32) 1,1,1-Trichloroethane	7.909	97	332465	54.10	ug/l	97
36) 1,1-Dichloropropene	8.114	75	285031	48.15	ug/l	97
37) Ethyl Acetate	7.297	43	101609	48.52	ug/l #	77
38) Carbon Tetrachloride	8.103	117	276301	49.86	ug/l	99
39) Methylcyclohexane	9.355	83	349804	45.20	ug/l	99
40) Benzene	8.356	78	863560	52.17	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	53279	42.16	ug/l	90
42) 1,2-Dichloroethane	8.432	62	236118	53.39	ug/l	99
43) Isopropyl Acetate	8.456	43	199837	45.79	ug/l	99
44) Trichloroethene	9.114	130	236821	52.10	ug/l	96
45) 1,2-Dichloropropane	9.391	63	211190	52.10	ug/l	98
46) Dibromomethane	9.479	93	110637	53.87	ug/l	94
47) Bromodichloromethane	9.667	83	300767	54.27	ug/l	99
48) Methyl methacrylate	9.461	41	94940	43.71	ug/l #	86
49) 1,4-Dioxane	9.467	88	26807	1113.74	ug/l	92
51) 4-Methyl-2-Pentanone	10.232	43	500685	246.81	ug/l	99
52) Toluene	10.403	92	559070	51.84	ug/l	96
53) t-1,3-Dichloropropene	10.626	75	277294	49.43	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	333391	49.93	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	158201	54.35	ug/l	94
56) Ethyl methacrylate	10.661	69	192320	49.60	ug/l	96
57) 1,3-Dichloropropane	10.950	76	271712	52.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	485700	271.45	ug/l	94
59) 2-Hexanone	10.985	43	339021	241.09	ug/l	99
60) Dibromochloromethane	11.144	129	200423	54.92	ug/l	100
61) 1,2-Dibromoethane	11.250	107	156101	54.35	ug/l	100
64) Tetrachloroethene	10.879	164	186839	49.52	ug/l	97
65) Chlorobenzene	11.673	112	600896	52.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	209308	52.32	ug/l	97
67) Ethyl Benzene	11.744	91	1081801	51.37	ug/l	98
68) m/p-Xylenes	11.855	106	811648	102.09	ug/l	100
69) o-Xylene	12.179	106	381401	51.66	ug/l	96
70) Styrene	12.197	104	659059	52.30	ug/l	99
71) Bromoform	12.361	173	108180	53.35	ug/l #	100
73) Isopropylbenzene	12.479	105	1025573	50.41	ug/l	100
74) N-amyl acetate	12.291	43	182908	43.26	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	177321	54.80	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	126162m	53.37	ug/l	
77) Bromobenzene	12.761	156	227276	52.11	ug/l	91
78) n-propylbenzene	12.820	91	1186247	49.29	ug/l	98
79) 2-Chlorotoluene	12.908	91	669376	49.54	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	843059	49.76	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	50875	43.55	ug/l	95
82) 4-Chlorotoluene	13.002	91	700460	49.85	ug/l	98
83) tert-Butylbenzene	13.220	119	716411	49.90	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	846011	50.31	ug/l	98
85) sec-Butylbenzene	13.402	105	988841	49.24	ug/l	99
86) p-Isopropyltoluene	13.514	119	906949	49.65	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	441686	52.67	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	435288	52.69	ug/l	99
89) n-Butylbenzene	13.844	91	850420	48.52	ug/l	98
90) Hexachloroethane	14.108	117	163719	49.62	ug/l	92
91) 1,2-Dichlorobenzene	13.891	146	377579	52.57	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	26580	50.19	ug/l	85
93) 1,2,4-Trichlorobenzene	15.161	180	251104	50.99	ug/l	99
94) Hexachlorobutadiene	15.267	225	136442	49.98	ug/l	98
95) Naphthalene	15.396	128	473085	51.24	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	218287	52.55	ug/l	98

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

