

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068485.D
 Acq On : 02 Mar 2021 09:41
 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
 3/3/2021 10:59:58 AM

Quant Time: Mar 02 23:54:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	333897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	538423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	492994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	236329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	145797	43.70	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.40%		
35) Dibromofluoromethane	7.914	113	161366	49.75	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.50%		
50) Toluene-d8	10.338	98	626954	48.53	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.06%		
62) 4-Bromofluorobenzene	12.632	95	204139	49.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.06%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	155341	47.94	ug/l	96
3) Chloromethane	2.209	50	179482	43.83	ug/l	94
4) Vinyl Chloride	2.350	62	225590	46.40	ug/l	100
5) Bromomethane	2.768	94	156451	45.19	ug/l	96
6) Chloroethane	2.926	64	140110	44.56	ug/l	98
7) Trichlorofluoromethane	3.273	101	263958	47.59	ug/l	94
8) Diethyl Ether	3.709	74	70932	42.95	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	162011	47.94	ug/l	95
10) Methyl Iodide	4.297	142	173687	43.35	ug/l	94
11) Tert butyl alcohol	5.232	59	35502	199.31	ug/l #	95
12) 1,1-Dichloroethene	4.067	96	155702	46.43	ug/l	96
13) Acrolein	3.926	56	52704	207.03	ug/l	99
14) Allyl chloride	4.714	41	190187	43.93	ug/l	97
15) Acrylonitrile	5.420	53	152602	218.94	ug/l	97
16) Acetone	4.156	43	155891	294.18	ug/l	94
17) Carbon Disulfide	4.409	76	507903	46.23	ug/l	100
18) Methyl Acetate	4.720	43	57772	42.30	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	327277	45.02	ug/l	93
20) Methylene Chloride	4.962	84	176983	44.18	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	182269	45.53	ug/l	95
22) Diisopropyl ether	6.367	45	408981	42.90	ug/l	96
23) Vinyl Acetate	6.308	43	1088232	220.00	ug/l	99
24) 1,1-Dichloroethane	6.261	63	290877	44.51	ug/l	98
25) 2-Butanone	7.214	43	169823	222.94	ug/l	96
26) 2,2-Dichloropropane	7.208	77	263985	48.49	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	201673	45.88	ug/l	98
28) Bromochloromethane	7.544	49	112275	44.01	ug/l	86
29) Tetrahydrofuran	7.561	42	105902	214.11	ug/l	98
30) Chloroform	7.714	83	310017	44.92	ug/l	96
31) Cyclohexane	7.991	56	272047	44.84	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	276673	46.97	ug/l	97
36) 1,1-Dichloropropene	8.114	75	251201	49.08	ug/l	97
37) Ethyl Acetate	7.297	43	76598	45.11	ug/l	97
38) Carbon Tetrachloride	8.097	117	245557	51.06	ug/l	96
39) Methylcyclohexane	9.355	83	324038	51.34	ug/l	99
40) Benzene	8.350	78	701406	47.78	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	50218m	50.95	ug/l	
42) 1,2-Dichloroethane	8.426	62	182519	47.28	ug/l	100
43) Isopropyl Acetate	8.450	43	144112	46.18	ug/l	98
44) Trichloroethene	9.114	130	197185	48.93	ug/l	99
45) 1,2-Dichloropropane	9.391	63	166676	47.49	ug/l	92
46) Dibromomethane	9.479	93	91775	48.07	ug/l	94
47) Bromodichloromethane	9.661	83	237811	48.15	ug/l	99
48) Methyl methacrylate	9.461	41	74054	44.52	ug/l	95
49) 1,4-Dioxane	9.461	88	21424	983.92	ug/l	98
51) 4-Methyl-2-Pentanone	10.232	43	379962	232.66	ug/l	100
52) Toluene	10.402	92	465247	49.63	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	221520	48.53	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	264257	47.45	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	127941	48.42	ug/l	96
56) Ethyl methacrylate	10.661	69	144105	47.45	ug/l	97
57) 1,3-Dichloropropane	10.949	76	214934	46.60	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	356829	234.19	ug/l	95
59) 2-Hexanone	10.985	43	278523	255.86	ug/l	100
60) Dibromochloromethane	11.138	129	162923	49.81	ug/l	99
61) 1,2-Dibromoethane	11.244	107	123299	47.69	ug/l	100
64) Tetrachloroethene	10.879	164	165101	51.29	ug/l	95
65) Chlorobenzene	11.673	112	487702	48.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	169360	48.53	ug/l	97
67) Ethyl Benzene	11.743	91	891096	49.72	ug/l	98
68) m/p-Xylenes	11.849	106	681798	100.17	ug/l	100
69) o-Xylene	12.179	106	314494	50.17	ug/l	94
70) Styrene	12.191	104	534689	49.88	ug/l	98
71) Bromoform	12.361	173	87929	49.59	ug/l #	100
73) Isopropylbenzene	12.479	105	871245	49.71	ug/l	100
74) N-amyl acetate	12.291	43	137531	46.06	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	140853	46.71	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	96949m	46.21	ug/l	
77) Bromobenzene	12.761	156	193730	48.43	ug/l	96
78) n-propylbenzene	12.820	91	1039099	49.61	ug/l	98
79) 2-Chlorotoluene	12.908	91	561471	48.30	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	711321	49.51	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	43122	47.96	ug/l	94
82) 4-Chlorotoluene	13.002	91	584755	47.81	ug/l	99
83) tert-Butylbenzene	13.220	119	617705	50.50	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	712543	49.53	ug/l	98
85) sec-Butylbenzene	13.402	105	870999	50.41	ug/l	99
86) p-Isopropyltoluene	13.514	119	798634	50.92	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	379834	49.17	ug/l	100
88) 1,4-Dichlorobenzene	13.596	146	370554	48.41	ug/l	100
89) n-Butylbenzene	13.838	91	766539	50.67	ug/l	97
90) Hexachloroethane	14.108	117	153785	49.33	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	328752	49.61	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	22386	42.12	ug/l	93
93) 1,2,4-Trichlorobenzene	15.161	180	258685	50.54	ug/l	100
94) Hexachlorobutadiene	15.267	225	152338	53.63	ug/l	97
95) Naphthalene	15.396	128	432062	46.62	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	218042	49.21	ug/l	97

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

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