

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033021\
 Data File : VD068728.D
 Acq On : 30 Mar 2021 20:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 4:21:13 PM

Quant Time: Mar 31 01:02:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	289399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	501756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	476225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	227956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	162382	55.64	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.28%			
35) Dibromofluoromethane	7.920	113	174666	55.95	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.90%			
50) Toluene-d8	10.338	98	660786	54.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.80%			
62) 4-Bromofluorobenzene	12.632	95	212805	54.53	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.06%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	112901	49.91	ug/l	94
3) Chloromethane	2.209	50	148500	53.28	ug/l	98
4) Vinyl Chloride	2.350	62	181149	54.99	ug/l	96
5) Bromomethane	2.762	94	132564	54.46	ug/l	99
6) Chloroethane	2.920	64	122649	56.84	ug/l	100
7) Trichlorofluoromethane	3.279	101	226239	57.61	ug/l	92
8) Diethyl Ether	3.714	74	64460	59.36	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	134281	57.15	ug/l	99
10) Methyl Iodide	4.303	142	138348	50.00	ug/l	99
11) Tert butyl alcohol	5.220	59	33036	245.68	ug/l	98
12) 1,1-Dichloroethene	4.067	96	129704	56.70	ug/l	92
13) Acrolein	3.926	56	25059	223.26	ug/l	97
14) Allyl chloride	4.714	41	145955	52.52	ug/l	96
15) Acrylonitrile	5.420	53	140726	266.25	ug/l	97
16) Acetone	4.162	43	86385	244.00	ug/l	94
17) Carbon Disulfide	4.414	76	410285	55.86	ug/l	99
18) Methyl Acetate	4.714	43	60015	61.67	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	321359	55.78	ug/l	97
20) Methylene Chloride	4.973	84	173915	58.27	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	172615	54.27	ug/l	93
22) Diisopropyl ether	6.367	45	386392	54.70	ug/l	98
23) Vinyl Acetate	6.308	43	980052	261.16	ug/l	99
24) 1,1-Dichloroethane	6.267	63	284524	54.92	ug/l	99
25) 2-Butanone	7.214	43	134612	229.47	ug/l	90
26) 2,2-Dichloropropane	7.208	77	210706	45.72	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	181532	51.23	ug/l	97
28) Bromochloromethane	7.550	49	114136	55.72	ug/l	94
29) Tetrahydrofuran	7.561	42	98478	265.57	ug/l	98
30) Chloroform	7.714	83	322291	57.25	ug/l	99
31) Cyclohexane	7.985	56	214047	45.46	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	268377	53.40	ug/l	99
36) 1,1-Dichloropropene	8.114	75	227325	50.73	ug/l	98
37) Ethyl Acetate	7.291	43	69833	49.38	ug/l	95
38) Carbon Tetrachloride	8.097	117	233244	52.15	ug/l	97
39) Methylcyclohexane	9.355	83	262695	47.49	ug/l	98
40) Benzene	8.350	78	686177	52.48	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	43598	52.68	ug/l	94
42) 1,2-Dichloroethane	8.426	62	186841	54.61	ug/l	100
43) Isopropyl Acetate	8.455	43	137521	50.69	ug/l	97
44) Trichloroethene	9.114	130	192842	53.15	ug/l	92
45) 1,2-Dichloropropane	9.385	63	166233	53.14	ug/l	95
46) Dibromomethane	9.479	93	95770	53.84	ug/l	93
47) Bromodichloromethane	9.661	83	250728	54.95	ug/l	99
48) Methyl methacrylate	9.455	41	66968	48.71	ug/l	90
49) 1,4-Dioxane	9.461	88	22513	1138.99	ug/l	90
51) 4-Methyl-2-Pentanone	10.226	43	363380	257.31	ug/l	100
52) Toluene	10.402	92	461494	55.77	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	219887	52.39	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	263759	52.92	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	134363	53.69	ug/l	96
56) Ethyl methacrylate	10.661	69	144910	53.59	ug/l	98
57) 1,3-Dichloropropane	10.949	76	218871	53.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	390805	283.71	ug/l	97
59) 2-Hexanone	10.985	43	245900	259.31	ug/l	99
60) Dibromochloromethane	11.138	129	173447	55.89	ug/l	98
61) 1,2-Dibromoethane	11.243	107	127794	52.91	ug/l	99
64) Tetrachloroethene	10.879	164	155633	50.41	ug/l	97
65) Chlorobenzene	11.667	112	503388	53.71	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	182597	54.15	ug/l	99
67) Ethyl Benzene	11.743	91	859257	52.55	ug/l	99
68) m/p-Xylenes	11.849	106	669565	105.11	ug/l	99
69) o-Xylene	12.179	106	304061	51.50	ug/l	99
70) Styrene	12.196	104	550336	54.24	ug/l	99
71) Bromoform	12.361	173	96962	54.52	ug/l #	99
73) Isopropylbenzene	12.479	105	820555	52.39	ug/l	100
74) N-amyl acetate	12.285	43	131251	50.28	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	147954	53.47	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	93714m	49.39	ug/l	
77) Bromobenzene	12.761	156	199178	54.21	ug/l	96
78) n-propylbenzene	12.820	91	964174	51.70	ug/l	99
79) 2-Chlorotoluene	12.908	91	543661	53.42	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	696517	54.99	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	41167	49.36	ug/l	98
82) 4-Chlorotoluene	13.002	91	573625	52.76	ug/l	98
83) tert-Butylbenzene	13.220	119	559297	51.81	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	707352	54.06	ug/l	98
85) sec-Butylbenzene	13.396	105	786588	50.12	ug/l	99
86) p-Isopropyltoluene	13.514	119	737799	51.66	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	384562	52.49	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	378874	52.61	ug/l	99
89) n-Butylbenzene	13.837	91	673549	49.68	ug/l	99
90) Hexachloroethane	14.108	117	141709	55.16	ug/l	97
91) 1,2-Dichlorobenzene	13.885	146	345216	55.46	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	21452	54.18	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	209773	51.87	ug/l	100
94) Hexachlorobutadiene	15.261	225	117092	50.71	ug/l	97
95) Naphthalene	15.396	128	381977	53.95	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	187230	54.37	ug/l	98

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

