

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068696.D
 Acq On : 29 Mar 2021 13:59
 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

SAM

Quant Time: Mar 30 01:03:25 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

3/30/2021 7:24:23 PM

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	334377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	548516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	502411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	248701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	173720	51.52	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.04%			
35) Dibromofluoromethane	7.914	113	186364	54.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.22%			
50) Toluene-d8	10.343	98	751935	57.15	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.30%			
62) 4-Bromofluorobenzene	12.631	95	241906	56.70	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	125377	47.97	ug/l	96
3) Chloromethane	2.208	50	156390	48.57	ug/l	97
4) Vinyl Chloride	2.350	62	200785	52.75	ug/l	98
5) Bromomethane	2.767	94	135924	48.33	ug/l	98
6) Chloroethane	2.920	64	126746	50.84	ug/l	95
7) Trichlorofluoromethane	3.273	101	231093	50.93	ug/l	99
8) Diethyl Ether	3.714	74	61610	49.11	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	141577	52.15	ug/l	96
10) Methyl Iodide	4.302	142	148399	46.67	ug/l	99
11) Tert butyl alcohol	5.226	59	31635	203.61	ug/l #	93
12) 1,1-Dichloroethene	4.073	96	133448	50.49	ug/l	90
13) Acrolein	3.926	56	31250	242.36	ug/l	98
14) Allyl chloride	4.714	41	162393	50.57	ug/l	99
15) Acrylonitrile	5.426	53	156163	255.71	ug/l	99
16) Acetone	4.155	43	123136	301.02	ug/l	98
17) Carbon Disulfide	4.414	76	424622	50.04	ug/l	100
18) Methyl Acetate	4.726	43	59676	53.07	ug/l	95
19) Methyl tert-butyl Ether	5.485	73	341398	51.28	ug/l	99
20) Methylene Chloride	4.973	84	150944	41.96	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	191815	52.20	ug/l	92
22) Diisopropyl ether	6.373	45	439113	53.80	ug/l	99
23) Vinyl Acetate	6.314	43	1133329	261.38	ug/l	99
24) 1,1-Dichloroethane	6.267	63	318745	53.25	ug/l	98
25) 2-Butanone	7.214	43	163570	241.32	ug/l	96
26) 2,2-Dichloropropane	7.214	77	262786	49.35	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	195251	47.69	ug/l	97
28) Bromochloromethane	7.549	49	112984	47.74	ug/l	99
29) Tetrahydrofuran	7.567	42	105024	245.13	ug/l	100
30) Chloroform	7.714	83	321274	49.39	ug/l	97
31) Cyclohexane	7.985	56	276121	50.76	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	303874	52.33	ug/l	100
36) 1,1-Dichloropropene	8.114	75	265693	54.23	ug/l	98
37) Ethyl Acetate	7.290	43	74039	47.89	ug/l	97
38) Carbon Tetrachloride	8.096	117	264477	54.09	ug/l	99
39) Methylcyclohexane	9.355	83	332547	54.99	ug/l	98
40) Benzene	8.355	78	761696	53.29	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	49274	54.46	ug/l	98
42) 1,2-Dichloroethane	8.426	62	194508	52.00	ug/l	98
43) Isopropyl Acetate	8.455	43	154907	52.23	ug/l	99
44) Trichloroethene	9.114	130	209182	52.74	ug/l	93
45) 1,2-Dichloropropane	9.390	63	179748	52.56	ug/l	93
46) Dibromomethane	9.473	93	98366	50.58	ug/l	97
47) Bromodichloromethane	9.667	83	262560	52.64	ug/l	98
48) Methyl methacrylate	9.455	41	81378	54.15	ug/l	99
49) 1,4-Dioxane	9.461	88	21934	1015.10	ug/l	95
51) 4-Methyl-2-Pentanone	10.231	43	403842	261.58	ug/l	97
52) Toluene	10.402	92	501539	55.45	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	243939	53.16	ug/l	97
54) cis-1,3-Dichloropropene	10.090	75	287903	52.84	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	137986	50.44	ug/l	95
56) Ethyl methacrylate	10.661	69	153967	52.09	ug/l	98
57) 1,3-Dichloropropane	10.949	76	231411	51.84	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	421124	279.66	ug/l	99
59) 2-Hexanone	10.984	43	295495	285.05	ug/l	99
60) Dibromochloromethane	11.137	129	174603	51.47	ug/l	98
61) 1,2-Dibromoethane	11.249	107	133567	50.59	ug/l	99
64) Tetrachloroethene	10.878	164	170799	52.44	ug/l	97
65) Chlorobenzene	11.667	112	528044	53.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	186513	52.43	ug/l	99
67) Ethyl Benzene	11.743	91	901905	52.29	ug/l	98
68) m/p-Xylenes	11.855	106	734649	109.32	ug/l	99
69) o-Xylene	12.178	106	335527	53.87	ug/l	100
70) Styrene	12.196	104	581127	54.29	ug/l	99
71) Bromoform	12.361	173	94661	50.45	ug/l #	98
73) Isopropylbenzene	12.478	105	922187	53.97	ug/l	99
74) N-amyl acetate	12.284	43	146999	51.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.731	83	151604	50.22	ug/l	98
76) 1,2,3-Trichloropropane	12.778	75	103302m	49.90	ug/l	
77) Bromobenzene	12.761	156	207137	51.68	ug/l	99
78) n-propylbenzene	12.820	91	1111793	54.65	ug/l	99
79) 2-Chlorotoluene	12.908	91	601882	54.21	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	749624	54.24	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.525	75	46366	50.96	ug/l	97
82) 4-Chlorotoluene	13.002	91	607229	51.20	ug/l	98
83) tert-Butylbenzene	13.220	119	674127	57.24	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	776053	54.36	ug/l	100
85) sec-Butylbenzene	13.396	105	937881	54.78	ug/l	100
86) p-Isopropyltoluene	13.514	119	860782	55.25	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	411289	51.45	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	404804	51.52	ug/l	100
89) n-Butylbenzene	13.837	91	822323	55.60	ug/l	99
90) Hexachloroethane	14.108	117	163371	58.28	ug/l	99
91) 1,2-Dichlorobenzene	13.884	146	355408	52.34	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	22029	51.00	ug/l	99
93) 1,2,4-Trichlorobenzene	15.155	180	231027	52.36	ug/l	99
94) Hexachlorobutadiene	15.261	225	133937	53.16	ug/l	95
95) Naphthalene	15.396	128	410213	53.11	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	197373	52.54	ug/l	98

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

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