

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030921\
 Data File : VD068576.D
 Acq On : 09 Mar 2021 15:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 3/10/2021 3:12:44 PM

Quant Time: Mar 10 00:01:16 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	261363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	448631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	419575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	199443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	135306	51.81	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.62%			
35) Dibromofluoromethane	7.914	113	144629	53.52	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.04%			
50) Toluene-d8	10.344	98	542888	50.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.86%			
62) 4-Bromofluorobenzene	12.632	95	182649	52.65	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	114618	45.19	ug/l	100
3) Chloromethane	2.209	50	146507	45.71	ug/l	96
4) Vinyl Chloride	2.350	62	178560	46.92	ug/l	98
5) Bromomethane	2.768	94	128056	47.25	ug/l	96
6) Chloroethane	2.926	64	118185	48.02	ug/l	99
7) Trichlorofluoromethane	3.279	101	211667	48.75	ug/l	100
8) Diethyl Ether	3.715	74	64255	49.71	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.103	101	129425	48.93	ug/l	96
10) Methyl Iodide	4.303	142	152309	48.25	ug/l	95
11) Tert butyl alcohol	5.220	59	39098	280.42	ug/l	100
12) 1,1-Dichloroethene	4.073	96	129890	49.48	ug/l	96
13) Acrolein	3.921	56	37503	188.20	ug/l	95
14) Allyl chloride	4.715	41	171006	50.46	ug/l	98
15) Acrylonitrile	5.426	53	160351	293.90	ug/l	100
16) Acetone	4.162	43	93666	225.81	ug/l	91
17) Carbon Disulfide	4.415	76	399429	46.45	ug/l	100
18) Methyl Acetate	4.721	43	61119	57.17	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	341069	59.93	ug/l #	90
20) Methylene Chloride	4.968	84	170339	55.36	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	180547	57.61	ug/l	99
22) Diisopropyl ether	6.362	45	381512	51.12	ug/l	95
23) Vinyl Acetate	6.309	43	1005570	259.70	ug/l	99
24) 1,1-Dichloroethane	6.262	63	260252	50.87	ug/l	98
25) 2-Butanone	7.209	43	149032	249.95	ug/l	96
26) 2,2-Dichloropropane	7.214	77	217709	51.08	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	174602	50.75	ug/l	96
28) Bromochloromethane	7.550	49	101886	51.03	ug/l	89
29) Tetrahydrofuran	7.562	42	100916	260.65	ug/l	96
30) Chloroform	7.714	83	272697	50.48	ug/l	99
31) Cyclohexane	7.985	56	217626	45.83	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	234413	50.84	ug/l	96
36) 1,1-Dichloropropene	8.114	75	206796	48.49	ug/l	97
37) Ethyl Acetate	7.291	43	68924	48.71	ug/l	98
38) Carbon Tetrachloride	8.097	117	204537	51.05	ug/l	97
39) Methylcyclohexane	9.356	83	256434	48.76	ug/l	99
40) Benzene	8.356	78	619388	50.63	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	41296	50.28	ug/l	94
42) 1,2-Dichloroethane	8.426	62	162309	50.46	ug/l	98
43) Isopropyl Acetate	8.450	43	139321	53.57	ug/l	98
44) Trichloroethene	9.114	130	168549	50.20	ug/l	99
45) 1,2-Dichloropropane	9.391	63	150726	51.54	ug/l	89
46) Dibromomethane	9.479	93	82552	51.89	ug/l	96
47) Bromodichloromethane	9.667	83	215316	52.32	ug/l	96
48) Methyl methacrylate	9.461	41	70621	50.95	ug/l	92
49) 1,4-Dioxane	9.461	88	19623	1081.59	ug/l	99
51) 4-Methyl-2-Pentanone	10.232	43	364162	267.61	ug/l	99
52) Toluene	10.408	92	403524	51.66	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	201900	53.08	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	233970	50.42	ug/l	96
55) 1,1,2-Trichloroethane	10.803	97	117878	53.54	ug/l	95
56) Ethyl methacrylate	10.661	69	139240	55.02	ug/l	96
57) 1,3-Dichloropropane	10.950	76	199357	51.88	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	335674	264.40	ug/l	94
59) 2-Hexanone	10.985	43	243240	268.17	ug/l	99
60) Dibromochloromethane	11.138	129	147379	54.07	ug/l	98
61) 1,2-Dibromoethane	11.250	107	111750	51.87	ug/l	100
64) Tetrachloroethene	10.879	164	136216	49.72	ug/l	98
65) Chlorobenzene	11.667	112	435099	50.92	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.744	131	157153	52.91	ug/l	97
67) Ethyl Benzene	11.744	91	778758	51.06	ug/l	98
68) m/p-Xylenes	11.855	106	594197	102.58	ug/l	100
69) o-Xylene	12.179	106	276996	51.92	ug/l	96
70) Styrene	12.191	104	486654	53.34	ug/l	99
71) Bromoform	12.361	173	84273	55.85	ug/l #	96
73) Isopropylbenzene	12.479	105	740377	50.05	ug/l	99
74) N-amyl acetate	12.285	43	131516	52.19	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	129327	50.82	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	86910m	49.09	ug/l	
77) Bromobenzene	12.761	156	172217	51.02	ug/l	94
78) n-propylbenzene	12.820	91	884565	50.05	ug/l	97
79) 2-Chlorotoluene	12.908	91	499093	50.87	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	621810	51.29	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	38996	51.40	ug/l	95
82) 4-Chlorotoluene	13.002	91	518064	50.19	ug/l	99
83) tert-Butylbenzene	13.220	119	524789	50.84	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	627482	51.68	ug/l	98
85) sec-Butylbenzene	13.397	105	751690	51.55	ug/l	98
86) p-Isopropyltoluene	13.514	119	686016	51.83	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	340754	52.26	ug/l	100
88) 1,4-Dichlorobenzene	13.591	146	333236	51.59	ug/l	99
89) n-Butylbenzene	13.838	91	645066	50.52	ug/l	98
90) Hexachloroethane	14.108	117	141157	53.66	ug/l	91
91) 1,2-Dichlorobenzene	13.885	146	291816	52.19	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	22941	51.14	ug/l	89
93) 1,2,4-Trichlorobenzene	15.155	180	227818	52.74	ug/l	99
94) Hexachlorobutadiene	15.261	225	126162	52.63	ug/l	99
95) Naphthalene	15.396	128	415858	53.17	ug/l	100
96) 1,2,3-Trichlorobenzene	15.591	180	194640	52.05	ug/l	99

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

