

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066409.D
 Acq On : 25 Aug 2020 18:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/26/2020 4:23:08 PM

Quant Time: Aug 26 08:49:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	195344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	288207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	273089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145327	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	122664	64.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.10%	
35) Dibromofluoromethane	7.91	113	104737	58.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.24%	
50) Toluene-d8	10.33	98	373795	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.38%	
62) 4-Bromofluorobenzene	12.63	95	139407	59.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	68178	41.053	ug/l	99
3) Chloromethane	2.20	50	53798	45.701	ug/l	100
4) Vinyl Chloride	2.34	62	58645	46.400	ug/l	99
5) Bromomethane	2.76	94	58214	61.578	ug/l	99
6) Chloroethane	2.91	64	38207	47.209	ug/l	96
7) Trichlorofluoromethane	3.27	101	160681	46.752	ug/l	99
8) Diethyl Ether	3.70	74	44415	57.678	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.08	101	75891	44.744	ug/l	99
10) Methyl Iodide	4.30	142	35473	18.337	ug/l	98
11) Tert butyl alcohol	5.23	59	36881	354.258	ug/l #	71
12) 1,1-Dichloroethene	4.06	96	75228	47.250	ug/l	99
13) Acrolein	3.92	56	15767	185.397	ug/l	100
14) Allyl chloride	4.70	41	106786	50.251	ug/l	99
15) Acrylonitrile	5.41	53	87521	283.274	ug/l	99
16) Acetone	4.16	43	76425	221.349	ug/l	97
17) Carbon Disulfide	4.40	76	223858	46.395	ug/l	97
18) Methyl Acetate	4.72	43	37158	57.341	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	225919	58.930	ug/l	95
20) Methylene Chloride	4.96	84	93506	50.778	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	91842	49.556	ug/l	97
22) Diisopropyl ether	6.36	45	217023	52.747	ug/l	96
23) Vinyl Acetate	6.30	43	696960	273.632	ug/l	99
24) 1,1-Dichloroethane	6.26	63	147267	50.650	ug/l	99
25) 2-Butanone	7.21	43	105853	270.056	ug/l	99
26) 2,2-Dichloropropane	7.20	77	139192	44.666	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	103158	51.947	ug/l	97
28) Bromochloromethane	7.54	49	61965	61.870	ug/l	96
29) Tetrahydrofuran	7.56	42	64117	287.995	ug/l	94
30) Chloroform	7.70	83	178135	52.953	ug/l	97
31) Cyclohexane	7.97	56	109713	41.258	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	173439	50.375	ug/l	99
36) 1,1-Dichloropropene	8.10	75	122992	46.770	ug/l	98
37) Ethyl Acetate	7.28	43	48166	53.853	ug/l #	90
38) Carbon Tetrachloride	8.09	117	168371	49.144	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	136810	44.165	ug/l	97
40) Benzene	8.34	78	346993	50.158	ug/l	95
41) Methacrylonitrile	7.48	41	24616m	44.630	ug/l	
42) 1,2-Dichloroethane	8.41	62	135157	55.472	ug/l	100
43) Isopropyl Acetate	8.44	43	101782	56.697	ug/l	98
44) Trichloroethene	9.11	130	109740	48.819	ug/l	99
45) 1,2-Dichloropropane	9.38	63	78461	50.028	ug/l	93
46) Dibromomethane	9.47	93	53826	55.123	ug/l	100
47) Bromodichloromethane	9.66	83	146295	54.479	ug/l	97
48) Methyl methacrylate	9.45	41	49019	52.952	ug/l	96
49) 1,4-Dioxane	9.46	88	13698	1208.103	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	245898	283.148	ug/l	99
52) Toluene	10.40	92	238436	50.873	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	132270	51.910	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	145623	50.915	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	68734	51.995	ug/l	93
56) Ethyl methacrylate	10.66	69	87459	57.152	ug/l	94
57) 1,3-Dichloropropane	10.94	76	118433	54.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	194459	305.960	ug/l	97
59) 2-Hexanone	10.98	43	172235	281.168	ug/l	99
60) Dibromochloromethane	11.14	129	109674	55.041	ug/l	97
61) 1,2-Dibromoethane	11.24	107	70353	54.080	ug/l	97
64) Tetrachloroethene	10.87	164	99803	48.176	ug/l	94
65) Chlorobenzene	11.67	112	267265	49.192	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	112778	50.793	ug/l	99
67) Ethyl Benzene	11.74	91	467787	48.913	ug/l	95
68) m/p-Xylenes	11.85	106	351232	96.354	ug/l	95
69) o-Xylene	12.18	106	169761	50.060	ug/l	99
70) Styrene	12.20	104	295246	50.705	ug/l	98
71) Bromoform	12.36	173	69011	54.784	ug/l #	98
73) Isopropylbenzene	12.48	105	462973	47.556	ug/l	98
74) N-amyl acetate	12.29	43	93280	53.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	72069	51.821	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	48212m	47.157	ug/l	
77) Bromobenzene	12.76	156	122440	49.552	ug/l	97
78) n-propylbenzene	12.82	91	510912	45.770	ug/l	100
79) 2-Chlorotoluene	12.91	91	308130	48.331	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	397127	47.245	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23900	49.621	ug/l	98
82) 4-Chlorotoluene	13.00	91	326497	48.337	ug/l	99
83) tert-Butylbenzene	13.23	119	343281	47.018	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	398956	48.323	ug/l	100
85) sec-Butylbenzene	13.40	105	435748	45.553	ug/l	100
86) p-Isopropyltoluene	13.52	119	434283	47.083	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	225601	48.911	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	225517	48.695	ug/l	99
89) n-Butylbenzene	13.84	91	364119	44.735	ug/l	99
90) Hexachloroethane	14.11	117	83585	45.874	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	200442	50.480	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15590	53.448	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	156700	50.550	ug/l	99
94) Hexachlorobutadiene	15.27	225	92076	47.797	ug/l	95
95) Naphthalene	15.41	128	272577	55.985	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	136383	51.359	ug/l	96

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

