

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066130.D
 Acq On : 06 Aug 2020 11:15
 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
 8/7/2020 12:48:28 PM

Quant Time: Aug 07 01:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	341191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	493619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	430769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	154775	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	7.91	113	160026	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.34	98	595637	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.63	95	203614	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	119843	39.868	ug/l	100
3) Chloromethane	2.20	50	94826	40.553	ug/l	93
4) Vinyl Chloride	2.34	62	91226	44.066	ug/l	100
5) Bromomethane	2.76	94	58231	42.396	ug/l	95
6) Chloroethane	2.91	64	55343	43.551	ug/l	92
7) Trichlorofluoromethane	3.26	101	228195	42.280	ug/l	100
8) Diethyl Ether	3.70	74	66584	43.722	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	143089	44.672	ug/l	99
10) Methyl Iodide	4.29	142	123264	43.307	ug/l	99
11) Tert butyl alcohol	5.23	59	53235	231.381	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	134415	44.484	ug/l	99
13) Acrolein	3.91	56	56655	233.830	ug/l	100
14) Allyl chloride	4.70	41	216159	47.220	ug/l	96
15) Acrylonitrile	5.41	53	145947	227.426	ug/l	98
16) Acetone	4.16	43	165977	287.373	ug/l	99
17) Carbon Disulfide	4.40	76	419573	43.672	ug/l	100
18) Methyl Acetate	4.71	43	64537	43.991	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	307553	44.407	ug/l	98
20) Methylene Chloride	4.96	84	158320	47.498	ug/l	98
21) trans-1,2-Dichloroethene	5.46	96	152189	43.844	ug/l	99
22) Diisopropyl ether	6.36	45	411535	45.461	ug/l	98
23) Vinyl Acetate	6.30	43	1259533	237.500	ug/l	99
24) 1,1-Dichloroethane	6.26	63	251771	44.941	ug/l	100
25) 2-Butanone	7.20	43	207481	244.242	ug/l	96
26) 2,2-Dichloropropane	7.20	77	235478	46.898	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	163765	44.980	ug/l	98
28) Bromochloromethane	7.54	49	103620	52.662	ug/l	94
29) Tetrahydrofuran	7.56	42	124005	235.610	ug/l	97
30) Chloroform	7.70	83	256457	43.596	ug/l	97
31) Cyclohexane	7.98	56	240366	45.073	ug/l	95
32) 1,1,1-Trichloroethane	7.89	97	241430	43.773	ug/l	99
36) 1,1-Dichloropropene	8.10	75	205835	44.375	ug/l	98
37) Ethyl Acetate	7.28	43	87375	47.542	ug/l	98
38) Carbon Tetrachloride	8.08	117	224597	43.420	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	259291	46.242	ug/l	99
40) Benzene	8.34	78	575155	44.698	ug/l	97
41) Methacrylonitrile	7.51	41	46070	42.634	ug/l	96
42) 1,2-Dichloroethane	8.41	62	164523	43.523	ug/l	99
43) Isopropyl Acetate	8.45	43	166713	46.039	ug/l	98
44) Trichloroethene	9.11	130	171966	44.350	ug/l	94
45) 1,2-Dichloropropane	9.38	63	139364	44.284	ug/l	99
46) Dibromomethane	9.47	93	76625	44.203	ug/l	98
47) Bromodichloromethane	9.66	83	195424	42.654	ug/l	91
48) Methyl methacrylate	9.45	41	84103	45.486	ug/l	97
49) 1,4-Dioxane	9.46	88	19903	893.672	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	417902	224.678	ug/l	100
52) Toluene	10.40	92	370551	43.763	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	191869	44.128	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	226197	44.403	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	105124	42.114	ug/l	94
56) Ethyl methacrylate	10.66	69	136398	45.487	ug/l	98
57) 1,3-Dichloropropane	10.94	76	178346	43.037	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	372799	276.391	ug/l	100
59) 2-Hexanone	10.98	43	305666	234.158	ug/l	99
60) Dibromochloromethane	11.14	129	145322	42.170	ug/l	99
61) 1,2-Dibromoethane	11.24	107	103927	43.293	ug/l	98
64) Tetrachloroethene	10.87	164	145336	43.937	ug/l	97
65) Chlorobenzene	11.67	112	392027	44.830	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	148721	43.466	ug/l	100
67) Ethyl Benzene	11.74	91	696048	45.932	ug/l	99
68) m/p-Xylenes	11.85	106	541575	92.242	ug/l	99
69) o-Xylene	12.18	106	244118	45.708	ug/l	100
70) Styrene	12.20	104	433224	46.284	ug/l	99
71) Bromoform	12.36	173	89325	44.063	ug/l #	99
73) Isopropylbenzene	12.48	105	692123	45.595	ug/l	100
74) N-amyl acetate	12.29	43	155839	46.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	110491	42.687	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	76156m	40.159	ug/l	
77) Bromobenzene	12.76	156	168955	43.238	ug/l	97
78) n-propylbenzene	12.82	91	802532	45.481	ug/l	100
79) 2-Chlorotoluene	12.91	91	446168	44.210	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	600299	47.287	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	39260	45.764	ug/l	98
82) 4-Chlorotoluene	13.01	91	492000	46.182	ug/l	99
83) tert-Butylbenzene	13.23	119	489683	43.861	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	569270	44.808	ug/l	98
85) sec-Butylbenzene	13.40	105	716009	47.502	ug/l	100
86) p-Isopropyltoluene	13.52	119	673074	47.609	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	326304	44.431	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	328204	44.811	ug/l	99
89) n-Butylbenzene	13.85	91	589535	46.543	ug/l	99
90) Hexachloroethane	14.11	117	129710	46.003	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	279848	43.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19465	43.755	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	220886	46.149	ug/l	99
94) Hexachlorobutadiene	15.27	225	133251	47.277	ug/l	99
95) Naphthalene	15.41	128	376560	48.283	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	193997	45.913	ug/l	99

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

