

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060618\
 Data File : VD057963.D
 Acq On : 6 Jun 2018 20:43
 Operator : JC/SY
 Sample : VSTDICC150
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 07 08:23:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:19:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	927265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1279728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1025526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	475830	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	1321833	142.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.18%	
35) Dibromofluoromethane	5.55	113	1358680	137.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	274.44%	
50) Toluene-d8	8.71	98	3029345	128.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.38%	
62) 4-Bromofluorobenzene	11.93	95	1277080	124.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	248.72%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.35	85	1677163	134.76	ug/l	99
3) Chloromethane	1.49	50	968647	158.04	ug/l	98
4) Vinyl Chloride	1.57	62	926990	156.24	ug/l	99
5) Bromomethane	1.79	94	254831	109.59	ug/l	91
6) Chloroethane	1.88	64	215275	91.97	ug/l	95
7) Trichlorofluoromethane	2.08	101	1005482	123.98	ug/l	97
8) Diethyl Ether	2.35	74	242243	160.79	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.55	101	673188	139.16	ug/l	95
10) Methyl Iodide	2.70	142	1093375	175.17	ug/l	94
11) Tert butyl alcohol	3.29	59	176247	709.70	ug/l	99
12) 1,1-Dichloroethene	2.54	96	534392	143.69	ug/l	100
13) Acrolein	2.48	56	270063	759.34	ug/l	98
14) Allyl chloride	2.93	41	1305078	152.13	ug/l	94
15) Acrylonitrile	3.37	53	1013948	697.91	ug/l	99
16) Acetone	2.62	43	948398	710.09	ug/l	95
17) Carbon Disulfide	2.76	76	2165536	160.74	ug/l	98
18) Methyl Acetate	2.95	43	378181	146.37	ug/l	95
19) Methyl tert-butyl Ether	3.42	73	2426426	148.28	ug/l	98
20) Methylene Chloride	3.07	84	577846	126.59	ug/l	97
21) trans-1,2-Dichloroethene	3.39	96	1111561	134.19	ug/l	98
22) Diisopropyl ether	4.09	45	4521609	133.04	ug/l	98
23) Vinyl Acetate	4.03	43	11877443	676.38	ug/l	100
24) 1,1-Dichloroethane	3.98	63	2539540	135.96	ug/l	99
25) 2-Butanone	4.85	43	2054762	676.95	ug/l	99
26) 2,2-Dichloropropane	4.81	77	2131399	138.52	ug/l	95
27) cis-1,2-Dichloroethene	4.81	96	1293359	131.65	ug/l	96
28) Bromochloromethane	5.15	49	1195721	147.90	ug/l	91
29) Tetrahydrofuran	5.19	42	1118598	703.02	ug/l	98
30) Chloroform	5.33	83	2701380	143.70	ug/l	99
31) Cyclohexane	5.59	56	1893933	117.49	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	2331762	148.14	ug/l	97
36) 1,1-Dichloropropene	5.75	75	1670394	118.47	ug/l	96
37) Ethyl Acetate	4.93	43	1143246	148.60	ug/l	98
38) Carbon Tetrachloride	5.73	117	2000597	143.98	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	1728777	123.69	ug/l	95
40) Benzene	6.02	78	3982775	120.92	ug/l	98
41) Methacrylonitrile	5.13	41	524295	149.05	ug/l	94
42) 1,2-Dichloroethane	6.13	62	1992742	149.64	ug/l	99
43) Isopropyl Acetate	7.62	43	1553573	154.17	ug/l #	99
44) Trichloroethene	6.98	130	1366229	142.01	ug/l	94
45) 1,2-Dichloropropane	7.36	63	1189840	129.98	ug/l	97
46) Dibromomethane	7.46	93	861616	146.52	ug/l	99
47) Bromodichloromethane	7.75	83	2084735	151.41	ug/l	95
48) Methyl methacrylate	7.51	41	900404	145.17	ug/l	99
49) 1,4-Dioxane	7.49	88	151929	2956.92	ug/l	94
51) 4-Methyl-2-Pentanone	8.61	43	4091131	632.97	ug/l	100
52) Toluene	8.80	92	2328927	123.21	ug/l	99
53) t-1,3-Dichloropropene	9.19	75	1772738	149.44	ug/l	98
54) cis-1,3-Dichloropropene	8.37	75	1909669	136.64	ug/l	92
55) 1,1,2-Trichloroethane	9.45	97	853487	139.51	ug/l	98
56) Ethyl methacrylate	9.31	69	1096925	146.17	ug/l	94
57) 1,3-Dichloropropane	9.67	76	1486385	138.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.20	63	2363948	623.50	ug/l	95
59) 2-Hexanone	9.79	43	3151427	665.33	ug/l	99
60) Dibromochloromethane	9.96	129	1353473	156.89	ug/l	99
61) 1,2-Dibromoethane	10.09	107	1041892	148.09	ug/l	95
64) Tetrachloroethene	9.51	164	1249806	136.32	ug/l	99
65) Chlorobenzene	10.72	112	2705322	130.31	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.85	131	1048325	131.43	ug/l	98
67) Ethyl Benzene	10.86	91	4205765	112.13	ug/l	94
68) m/p-Xylenes	11.02	106	2933922	239.95	ug/l	85
69) o-Xylene	11.41	106	1426097	117.50	ug/l	93
70) Styrene	11.43	104	2438124	121.35	ug/l	97
71) Bromoform	11.60	173	986159	164.35	ug/l	97
73) Isopropylbenzene	11.78	105	4358686	138.30	ug/l	99
74) N-amyl acetate	11.65	43	1836225	150.99	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	956429	139.19	ug/l	96
76) 1,2,3-Trichloropropane	12.11	75	1018857	142.54	ug/l	97
77) Bromobenzene	12.04	156	1323423	141.86	ug/l	87
78) n-propylbenzene	12.16	91	4986406	121.59	ug/l	95
79) 2-Chlorotoluene	12.22	91	3098030	132.42	ug/l	92
80) 1,3,5-Trimethylbenzene	12.32	105	2997241	99.22	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.84	75	300757	169.88	ug/l	93
82) 4-Chlorotoluene	12.33	91	3004276	117.56	ug/l	88
83) tert-Butylbenzene	12.57	119	3875692	139.65	ug/l	97
84) 1,2,4-Trimethylbenzene	12.63	105	3554853	134.51	ug/l	100
85) sec-Butylbenzene	12.76	105	4293136	128.18	ug/l	98
86) p-Isopropyltoluene	12.89	119	3741174	138.59	ug/l	96
87) 1,3-Dichlorobenzene	12.84	146	2145618	135.96	ug/l	95
88) 1,4-Dichlorobenzene	12.93	146	2151549	139.93	ug/l	95
89) n-Butylbenzene	13.19	91	3166538	113.98	ug/l	99
90) Hexachloroethane	13.40	117	1095715	159.03	ug/l	80
91) 1,2-Dichlorobenzene	13.19	146	1595721	125.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.77	75	183353	172.89	ug/l	60

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	1690654	141.90	ug/l	97
94) Hexachlorobutadiene	14.43	225	1329949	141.91	ug/l	98
95) Naphthalene	14.51	128	2359201	153.57	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	1445381	142.35	ug/l	99

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

