

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059512.D
 Acq On : 2 Jul 2018 19:29
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 03 00:55:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 00:52:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	631564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	924881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	727660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	377856	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	819704	119.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	238.58%	
35) Dibromofluoromethane	5.52	113	766377	100.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.92%	
50) Toluene-d8	8.69	98	1743012	97.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.04%	
62) 4-Bromofluorobenzene	11.92	95	744411	100.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.72%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.32	85	870823	137.75	ug/l	95
3) Chloromethane	1.47	50	398415	125.79	ug/l	98
4) Vinyl Chloride	1.53	62	425743	129.11	ug/l	98
5) Bromomethane	1.76	94	125858	99.39	ug/l	93
6) Chloroethane	1.85	64	138428	99.42	ug/l	100
7) Trichlorofluoromethane	2.05	101	613763	127.28	ug/l	96
8) Diethyl Ether	2.32	74	128689	122.59	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.52	101	385539	129.04	ug/l	98
10) Methyl Iodide	2.66	142	462418	134.99	ug/l	96
11) Tert butyl alcohol	3.24	59	129294	561.58	ug/l	97
12) 1,1-Dichloroethene	2.51	96	303444	131.33	ug/l	92
13) Acrolein	2.45	56	62672	331.46	ug/l	92
14) Allyl chloride	2.89	41	674533	129.39	ug/l	99
15) Acrylonitrile	3.32	53	390170	549.71	ug/l	96
16) Acetone	2.59	43	516166	584.42	ug/l	97
17) Carbon Disulfide	2.72	76	1057477	146.44	ug/l	99
18) Methyl Acetate	2.91	43	214973	100.73	ug/l	92
19) Methyl tert-butyl Ether	3.37	73	748259	75.24	ug/l	96
20) Methylene Chloride	3.04	84	325940	115.93	ug/l	99
21) trans-1,2-Dichloroethene	3.35	96	328290	88.89	ug/l	91
22) Diisopropyl ether	4.04	45	2281093	117.61	ug/l	99
23) Vinyl Acetate	3.98	43	6516165	632.72	ug/l	99
24) 1,1-Dichloroethane	3.93	63	1261548	113.16	ug/l	99
25) 2-Butanone	4.81	43	1114204	606.52	ug/l	97
26) 2,2-Dichloropropane	4.76	77	1043611	120.03	ug/l	100
27) cis-1,2-Dichloroethene	4.77	96	636883	96.76	ug/l	99
28) Bromochloromethane	5.12	49	461213	101.82	ug/l	95
29) Tetrahydrofuran	5.15	42	586801	590.31	ug/l	98
30) Chloroform	5.29	83	1385341	115.45	ug/l	96
31) Cyclohexane	5.56	56	899188	106.80	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	1144882	118.73	ug/l	97
36) 1,1-Dichloropropene	5.72	75	903222	102.18	ug/l	99
37) Ethyl Acetate	4.90	43	559634	106.41	ug/l	97
38) Carbon Tetrachloride	5.70	117	985050	108.38	ug/l	99

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Quant Time: Jul 03 00:55:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 00:52:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	897071	106.81	ug/l	98
40) Benzene	5.98	78	2049567	96.73	ug/l	100
41) Methacrylonitrile	5.10	41	278032	108.63	ug/l	96
42) 1,2-Dichloroethane	6.10	62	1004439	108.05	ug/l	97
43) Isopropyl Acetate	7.60	43	763121	114.01	ug/l #	100
44) Trichloroethene	6.96	130	683781	99.52	ug/l	98
45) 1,2-Dichloropropane	7.32	63	606314	103.87	ug/l	98
46) Dibromomethane	7.44	93	426522	103.18	ug/l	95
47) Bromodichloromethane	7.71	83	1007645	108.31	ug/l	98
48) Methyl methacrylate	7.48	41	476265	115.76	ug/l	92
49) 1,4-Dioxane	7.47	88	84980	2076.57	ug/l #	85
51) 4-Methyl-2-Pentanone	8.58	43	2286264	514.97	ug/l	96
52) Toluene	8.78	92	1122301	89.85	ug/l	95
53) t-1,3-Dichloropropene	9.17	75	881889	111.22	ug/l	96
54) cis-1,3-Dichloropropene	8.33	75	1016696	110.65	ug/l	92
55) 1,1,2-Trichloroethane	9.44	97	436476	97.49	ug/l	98
56) Ethyl methacrylate	9.30	69	570633	109.65	ug/l	94
57) 1,3-Dichloropropane	9.64	76	798376	107.08	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.17	63	1279603	478.27	ug/l #	91
59) 2-Hexanone	9.77	43	1714571	545.59	ug/l	98
60) Dibromochloromethane	9.94	129	673699	106.58	ug/l	100
61) 1,2-Dibromoethane	10.08	107	499494	99.27	ug/l	98
64) Tetrachloroethene	9.50	164	621258	95.49	ug/l	95
65) Chlorobenzene	10.71	112	1297134	94.81	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.83	131	548831	106.12	ug/l	96
67) Ethyl Benzene	10.84	91	2246372	97.90	ug/l	96
68) m/p-Xylenes	11.00	106	1413270	184.43	ug/l	97
69) o-Xylene	11.40	106	710844	94.28	ug/l	98
70) Styrene	11.43	104	1164278	90.86	ug/l	99
71) Bromoform	11.58	173	480166	111.61	ug/l	99
73) Isopropylbenzene	11.76	105	2090032	94.79	ug/l	96
74) N-amyl acetate	11.63	43	960185	112.02	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	538314	102.08	ug/l	99
76) 1,2,3-Trichloropropane	12.10	75	576721	105.52	ug/l	98
77) Bromobenzene	12.03	156	673453	97.46	ug/l	93
78) n-propylbenzene	12.14	91	2769060	97.90	ug/l	97
79) 2-Chlorotoluene	12.20	91	1678651	101.70	ug/l	93
80) 1,3,5-Trimethylbenzene	12.31	105	1638340	92.64	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.83	75	167659	131.80	ug/l	96
82) 4-Chlorotoluene	12.31	91	1758410	93.11	ug/l	94
83) tert-Butylbenzene	12.57	119	1869833	98.28	ug/l	90
84) 1,2,4-Trimethylbenzene	12.62	105	1803712	96.76	ug/l	96
85) sec-Butylbenzene	12.74	105	2129430	94.05	ug/l	98
86) p-Isopropyltoluene	12.87	119	1782611	95.62	ug/l	98
87) 1,3-Dichlorobenzene	12.83	146	1126594	97.90	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	1068911	94.38	ug/l	95
89) n-Butylbenzene	13.19	91	1845773	99.28	ug/l	99
90) Hexachloroethane	13.39	117	513452	109.69	ug/l	64
91) 1,2-Dichlorobenzene	13.19	146	878967	90.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.77	75	103477	119.47	ug/l #	58

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	866484	97.75	ug/l	97
94) Hexachlorobutadiene	14.43	225	679647	101.79	ug/l	100
95) Naphthalene	14.51	128	1288874	101.93	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	785337	98.34	ug/l	98

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

