

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031418\
 Data File : VX000315.D
 Acq On : 14 Mar 2018 16:00
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

sam
 3/15/2018 3:36:51 PM

Quant Time: Mar 15 02:31:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 01:30:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	147109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	231532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	226070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122625	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	2268	1.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.90%	
35) Dibromofluoromethane	5.51	113	1593	1.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.16%	
50) Toluene-d8	8.72	98	6194	1.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.20%	
62) 4-Bromofluorobenzene	11.15	95	2674	1.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1812	1.44	ug/l	97
3) Chloromethane	1.32	50	1944	1.42	ug/l	94
4) Vinyl Chloride	1.41	62	2110	1.48	ug/l	98
5) Bromomethane	1.65	94	2121	1.75	ug/l	98
6) Chloroethane	1.73	64	1461	1.83	ug/l #	83
7) Trichlorofluoromethane	1.93	101	3211	1.34	ug/l	100
8) Diethyl Ether	2.20	74	1304	1.59	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1837	1.34	ug/l	98
12) 1,1-Dichloroethene	2.38	96	1809	1.48	ug/l #	75
14) Allyl chloride	2.73	41	3201	1.38	ug/l #	92
15) Acrylonitrile	3.15	53	6826	7.06	ug/l	98
16) Acetone	2.45	43	7357	6.23	ug/l	92
17) Carbon Disulfide	2.57	76	5242	1.35	ug/l #	83
18) Methyl Acetate	2.78	43	3393	1.44	ug/l	91
19) Methyl tert-butyl Ether	3.21	73	5846	1.35	ug/l	92
20) Methylene Chloride	2.87	84	2071	1.49	ug/l #	88
21) trans-1,2-Dichloroethene	3.17	96	1970	1.45	ug/l #	77
22) Diisopropyl ether	3.87	45	5661	1.44	ug/l #	90
23) Vinyl Acetate	3.83	43	26849	7.67	ug/l	96
24) 1,1-Dichloroethane	3.70	63	3372	1.48	ug/l #	93
25) 2-Butanone	4.72	43	8422	5.35	ug/l	91
26) 2,2-Dichloropropane	4.59	77	2519	1.26	ug/l	77
27) cis-1,2-Dichloroethene	4.60	96	1911	1.35	ug/l	90
28) Bromochloromethane	5.02	49	1372	1.28	ug/l #	100
29) Tetrahydrofuran	5.17	42	5787	6.00	ug/l	96
30) Chloroform	5.22	83	3007	1.26	ug/l	92
31) Cyclohexane	5.59	56	2551	1.23	ug/l #	90
32) 1,1,1-Trichloroethane	5.50	97	2617	1.18	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	2400	1.17	ug/l	91
37) Ethyl Acetate	4.87	43	3147	1.10	ug/l #	97
38) Carbon Tetrachloride	5.79	117	2404	1.07	ug/l #	90
39) Methylcyclohexane	7.46	83	2725	1.05	ug/l #	83
40) Benzene	6.15	78	7019	1.21	ug/l	92
41) Methacrylonitrile	5.07	41	1813	1.21	ug/l #	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.21	62	2826	1.34	ug/l #	78
43) Isopropyl Acetate	6.48	43	3979	0.94	ug/l #	93
44) Trichloroethene	7.22	130	2074	1.13	ug/l	94
45) 1,2-Dichloropropane	7.53	63	1572	1.05	ug/l	98
46) Dibromomethane	7.67	93	1411	1.26	ug/l	97
47) Bromodichloromethane	7.90	83	2071	0.98	ug/l #	86
48) Methyl methacrylate	7.79	41	2174	1.03	ug/l	90
49) 1,4-Dioxane	7.76	88	946	17.84	ug/l #	26
51) 4-Methyl-2-Pentanone	8.66	43	15363	5.10	ug/l	97
52) Toluene	8.79	92	4523	1.16	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	2323	0.92	ug/l #	78
54) cis-1,3-Dichloropropene	9.04	75	2107	0.85	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	1823	1.13	ug/l	91
56) Ethyl methacrylate	9.20	69	2263	0.88	ug/l	89
57) 1,3-Dichloropropane	9.38	76	2871	1.12	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	5997	4.99	ug/l	93
59) 2-Hexanone	9.51	43	12528	4.84	ug/l	94
60) Dibromochloromethane	9.59	129	1572	0.83	ug/l	95
61) 1,2-Dibromoethane	9.68	107	1899	1.07	ug/l	97
64) Tetrachloroethene	9.34	164	2059	1.08	ug/l	95
65) Chlorobenzene	10.15	112	5163	1.08	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	1527	0.87	ug/l #	57
67) Ethyl Benzene	10.26	91	8620	1.09	ug/l	97
68) m/p-Xylenes	10.37	106	6185	1.98	ug/l	100
69) o-Xylene	10.71	106	3141	1.04	ug/l	97
70) Styrene	10.72	104	4847	0.96	ug/l	98
71) Bromoform	10.87	173	1121	0.61	ug/l #	96
73) Isopropylbenzene	11.02	105	8174	1.11	ug/l	96
74) N-amyl acetate	6.48	43	3979	1.02	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	2919	1.12	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	3263m	1.04	ug/l	
77) Bromobenzene	11.26	156	2216	1.06	ug/l	94
78) n-propylbenzene	11.37	91	10310	1.19	ug/l	99
79) 2-Chlorotoluene	11.43	91	5879	1.18	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	6736	1.07	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.09	75	576	0.63	ug/l #	70
82) 4-Chlorotoluene	11.52	91	7154	1.18	ug/l	98
83) tert-Butylbenzene	11.77	119	6524	1.01	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	6935	1.06	ug/l	100
85) sec-Butylbenzene	11.95	105	8106	1.04	ug/l	96
86) p-Isopropyltoluene	12.07	119	7059	0.97	ug/l	91
87) 1,3-Dichlorobenzene	12.03	146	4353	1.08	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	4411m	1.05	ug/l	
89) n-Butylbenzene	12.40	91	7577	1.13	ug/l	98
90) Hexachloroethane	12.60	117	1180	1.01	ug/l	85
91) 1,2-Dichlorobenzene	12.40	146	3998	1.02	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	771	0.96	ug/l	86
93) 1,2,4-Trichlorobenzene	13.65	180	2892	0.86	ug/l	90
94) Hexachlorobutadiene	13.79	225	1212	0.68	ug/l	87
95) Naphthalene	13.84	128	9407	0.95	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.03	180	3123	0.95	ug/l	98

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

