

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000723.D
 Acq On : 08 Apr 2018 11:44
 Operator : JC/MD
 Sample : VX0408WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Manual Integrations
 APPROVED

sam
 4/9/2018 2:03:14 PM

Quant Time: Apr 09 07:05:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	353377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	474674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	443015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182747	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	5.51	113	150226	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.72	98	565343	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.15	95	230635	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61705	19.39	ug/l	100
3) Chloromethane	1.32	50	50192	18.96	ug/l	97
4) Vinyl Chloride	1.41	62	52172	18.14	ug/l	99
5) Bromomethane	1.65	94	39353	24.49	ug/l	100
6) Chloroethane	1.73	64	32521	18.43	ug/l	97
7) Trichlorofluoromethane	1.93	101	87156	18.51	ug/l	99
8) Diethyl Ether	2.19	74	32788	19.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53975	19.57	ug/l	99
10) Methyl Iodide	2.52	142	45445	19.02	ug/l	100
11) Tert butyl alcohol	3.06	59	64297	93.50	ug/l	99
12) 1,1-Dichloroethene	2.38	96	46167	18.64	ug/l	99
13) Acrolein	2.29	56	24630	81.84	ug/l	99
14) Allyl chloride	2.73	41	91506	18.28	ug/l	100
15) Acrylonitrile	3.15	53	130501	90.55	ug/l	100
16) Acetone	2.45	43	115882	91.42	ug/l	99
17) Carbon Disulfide	2.57	76	110148	19.00	ug/l	100
18) Methyl Acetate	2.78	43	69380	18.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	174025	18.90	ug/l	99
20) Methylene Chloride	2.86	84	52172	17.24	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50570	19.10	ug/l	95
22) Diisopropyl ether	3.88	45	174304	17.77	ug/l	95
23) Vinyl Acetate	3.83	43	728041	87.63	ug/l	99
24) 1,1-Dichloroethane	3.70	63	94833	18.47	ug/l	98
25) 2-Butanone	4.71	43	196436	88.58	ug/l	98
26) 2,2-Dichloropropane	4.59	77	97913	18.73	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62381	18.43	ug/l	99
28) Bromochloromethane	5.03	49	40296	17.38	ug/l	98
29) Tetrahydrofuran	5.17	42	122878	87.07	ug/l	98
30) Chloroform	5.22	83	104371	18.69	ug/l	98
31) Cyclohexane	5.59	56	82156	18.82	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	98651	18.54	ug/l	99
36) 1,1-Dichloropropene	5.81	75	76111	18.72	ug/l	99
37) Ethyl Acetate	4.87	43	75502	17.21	ug/l	98
38) Carbon Tetrachloride	5.79	117	90756	19.05	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	88651	19.47	ug/l	98
40) Benzene	6.15	78	218021	19.07	ug/l	97
41) Methacrylonitrile	5.07	41	46505	18.29	ug/l	100
42) 1,2-Dichloroethane	6.20	62	84822	18.81	ug/l	98
43) Isopropyl Acetate	6.47	43	137784	18.03	ug/l	100
44) Trichloroethene	7.22	130	68184	19.62	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58691	19.14	ug/l	97
46) Dibromomethane	7.67	93	39419	18.52	ug/l	98
47) Bromodichloromethane	7.90	83	85279	19.37	ug/l	97
48) Methyl methacrylate	7.78	41	71188	18.52	ug/l	99
49) 1,4-Dioxane	7.76	88	28649	375.44	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	406289	91.77	ug/l	98
52) Toluene	8.79	92	143966	18.88	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	99484	18.99	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	98635	18.96	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	60542	19.52	ug/l	100
56) Ethyl methacrylate	9.19	69	92899	18.79	ug/l	100
57) 1,3-Dichloropropane	9.38	76	96166	18.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	222644	96.14	ug/l	100
59) 2-Hexanone	9.51	43	308358	91.25	ug/l	100
60) Dibromochloromethane	9.59	129	74523	19.27	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62493	18.77	ug/l	99
64) Tetrachloroethene	9.34	164	67799	19.52	ug/l	99
65) Chlorobenzene	10.15	112	173170	18.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	68212	19.16	ug/l	100
67) Ethyl Benzene	10.26	91	292795	19.14	ug/l	100
68) m/p-Xylenes	10.37	106	231903	38.75	ug/l	99
69) o-Xylene	10.71	106	112429	19.15	ug/l	99
70) Styrene	10.72	104	191349	19.29	ug/l	100
71) Bromoform	10.87	173	63789	18.92	ug/l #	99
73) Isopropylbenzene	11.02	105	306984	19.43	ug/l	100
74) N-amyl acetate	6.47	43	137784	17.92	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	87356	18.61	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	85954m	19.12	ug/l	
77) Bromobenzene	11.26	156	86517	19.31	ug/l	99
78) n-propylbenzene	11.37	91	352791	19.47	ug/l	100
79) 2-Chlorotoluene	11.43	91	207737	19.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	263267	19.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	30162	17.47	ug/l	95
82) 4-Chlorotoluene	11.52	91	249971	19.30	ug/l	100
83) tert-Butylbenzene	11.77	119	276080	19.68	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	272478	19.23	ug/l	100
85) sec-Butylbenzene	11.95	105	323152	19.69	ug/l	100
86) p-Isopropyltoluene	12.07	119	300135	19.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	163853	19.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	168134	19.54	ug/l	99
89) n-Butylbenzene	12.40	91	268643	19.60	ug/l	100
90) Hexachloroethane	12.60	117	53481	19.19	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	160679	19.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21703	17.59	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135925	19.50	ug/l	100
94) Hexachlorobutadiene	13.79	225	68789	20.04	ug/l	99
95) Naphthalene	13.84	128	346586	18.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	133444	19.84	ug/l	99

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

