

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000724.D
 Acq On : 08 Apr 2018 12:12
 Operator : JC/MD
 Sample : VX0408WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Manual Integrations
 APPROVED

sam
 4/9/2018 2:03:18 PM

Quant Time: Apr 09 07:08:44 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	345035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	469316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	434180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	261772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182207	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
35) Dibromofluoromethane	5.51	113	151283	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.72	98	552253	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.15	95	225331	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59188	19.05	ug/l	99
3) Chloromethane	1.32	50	48571	18.78	ug/l	97
4) Vinyl Chloride	1.41	62	50754	18.08	ug/l	100
5) Bromomethane	1.65	94	36420	22.90	ug/l	100
6) Chloroethane	1.73	64	31535	18.30	ug/l	100
7) Trichlorofluoromethane	1.93	101	84800	18.44	ug/l	100
8) Diethyl Ether	2.20	74	33130	20.36	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52174	19.37	ug/l	99
10) Methyl Iodide	2.52	142	49165	20.49	ug/l	99
11) Tert butyl alcohol	3.07	59	65577	97.67	ug/l	100
12) 1,1-Dichloroethene	2.38	96	44626	18.46	ug/l	97
13) Acrolein	2.30	56	25451	86.61	ug/l	99
14) Allyl chloride	2.73	41	89387	18.28	ug/l	99
15) Acrylonitrile	3.15	53	136043	96.67	ug/l	100
16) Acetone	2.45	43	118947	96.10	ug/l	100
17) Carbon Disulfide	2.57	76	107402	18.98	ug/l	99
18) Methyl Acetate	2.78	43	71297	19.40	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	174718	19.43	ug/l	99
20) Methylene Chloride	2.86	84	51921	17.63	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	48270	18.67	ug/l	99
22) Diisopropyl ether	3.88	45	180697	18.86	ug/l	98
23) Vinyl Acetate	3.83	43	779728	96.12	ug/l	99
24) 1,1-Dichloroethane	3.70	63	94568	18.86	ug/l	98
25) 2-Butanone	4.71	43	202735	93.63	ug/l	95
26) 2,2-Dichloropropane	4.59	77	95057	18.63	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	61848	18.71	ug/l	99
28) Bromochloromethane	5.03	49	40022	17.75	ug/l	97
29) Tetrahydrofuran	5.17	42	127365	92.43	ug/l	98
30) Chloroform	5.23	83	103019	18.90	ug/l	99
31) Cyclohexane	5.59	56	79588	18.65	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	97488	18.77	ug/l	99
36) 1,1-Dichloropropene	5.81	75	74930	18.64	ug/l	99
37) Ethyl Acetate	4.87	43	78779	18.16	ug/l	98
38) Carbon Tetrachloride	5.79	117	89780	19.06	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	87715	19.49	ug/l	97
40) Benzene	6.15	78	216292	19.13	ug/l	99
41) Methacrylonitrile	5.07	41	47068	18.73	ug/l	98
42) 1,2-Dichloroethane	6.21	62	86611	19.42	ug/l	97
43) Isopropyl Acetate	6.48	43	142588	18.87	ug/l	100
44) Trichloroethene	7.22	130	66696	19.41	ug/l	97
45) 1,2-Dichloropropane	7.52	63	58319	19.24	ug/l	98
46) Dibromomethane	7.67	93	40179	19.10	ug/l	100
47) Bromodichloromethane	7.91	83	84621	19.44	ug/l	100
48) Methyl methacrylate	7.79	41	72685	19.12	ug/l	98
49) 1,4-Dioxane	7.76	88	29463	390.52	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	417571	95.39	ug/l	98
52) Toluene	8.79	92	143323	19.01	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	100328	19.37	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	99185	19.28	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	60031	19.58	ug/l	98
56) Ethyl methacrylate	9.19	69	93833	19.19	ug/l	100
57) 1,3-Dichloropropane	9.38	76	96236	19.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	223809	97.74	ug/l	100
59) 2-Hexanone	9.51	43	315296	94.37	ug/l	98
60) Dibromochloromethane	9.59	129	73851	19.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62694	19.04	ug/l	99
64) Tetrachloroethene	9.34	164	66518	19.54	ug/l	99
65) Chlorobenzene	10.15	112	173179	19.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	67620	19.38	ug/l	100
67) Ethyl Benzene	10.26	91	289107	19.29	ug/l	100
68) m/p-Xylenes	10.37	106	228202	38.91	ug/l	100
69) o-Xylene	10.71	106	111151	19.31	ug/l	99
70) Styrene	10.72	104	187226	19.25	ug/l	99
71) Bromoform	10.87	173	64333	19.47	ug/l #	98
73) Isopropylbenzene	11.02	105	302625	19.34	ug/l	100
74) N-amyl acetate	6.48	43	142588	18.72	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	88032	18.93	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	84666m	19.01	ug/l	
77) Bromobenzene	11.26	156	87635	19.75	ug/l	99
78) n-propylbenzene	11.37	91	348307	19.40	ug/l	100
79) 2-Chlorotoluene	11.43	91	204127	19.06	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	261786	19.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	30349	17.74	ug/l	95
82) 4-Chlorotoluene	11.52	91	246976	19.25	ug/l	100
83) tert-Butylbenzene	11.78	119	268099	19.29	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	270928	19.30	ug/l	100
85) sec-Butylbenzene	11.95	105	317474	19.52	ug/l	100
86) p-Isopropyltoluene	12.07	119	297298	19.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	162406	19.53	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	166995	19.59	ug/l	99
89) n-Butylbenzene	12.40	91	263874	19.43	ug/l	100
90) Hexachloroethane	12.60	117	52467	19.01	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	159105	19.60	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	22179	18.14	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136215	19.72	ug/l	100
94) Hexachlorobutadiene	13.79	225	68183	20.05	ug/l	99
95) Naphthalene	13.84	128	350677	19.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	132193	19.84	ug/l	100

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

