

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000054.D
 Acq On : 09 Feb 2018 21:11
 Operator : JC/MD
 Sample : VX0209WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0209WBS01

Manual Integrations
 APPROVED

sam
 2/14/2018 5:30:33 PM

Quant Time: Feb 10 00:35:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	126333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	208211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	199550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	112429	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	68319	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	5.51	113	60579	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	8.73	98	216995	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.15	95	88629	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	24078	21.03	ug/l	98
3) Chloromethane	1.33	50	25132	21.56	ug/l	98
4) Vinyl Chloride	1.41	62	29021	22.09	ug/l	99
5) Bromomethane	1.64	94	22347	31.85	ug/l	98
6) Chloroethane	1.73	64	19339	24.49	ug/l	98
7) Trichlorofluoromethane	1.93	101	50047	21.86	ug/l	99
8) Diethyl Ether	2.20	74	17866	21.56	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27596	21.34	ug/l	98
10) Methyl Iodide	2.52	142	24431	16.73	ug/l	99
11) Tert butyl alcohol	3.08	59	54202	102.62	ug/l	100
12) 1,1-Dichloroethene	2.38	96	26516	21.63	ug/l	95
13) Acrolein	2.30	56	25738	94.94	ug/l	98
14) Allyl chloride	2.73	41	44605	20.89	ug/l	99
15) Acrylonitrile	3.16	53	96940	105.35	ug/l	100
16) Acetone	2.45	43	82475	105.54	ug/l	98
17) Carbon Disulfide	2.57	76	75060	21.02	ug/l	99
18) Methyl Acetate	2.79	43	43596	22.12	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	91501	21.81	ug/l	99
20) Methylene Chloride	2.87	84	28450	21.74	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	28461	21.57	ug/l	98
22) Diisopropyl ether	3.89	45	71577	20.30	ug/l	97
23) Vinyl Acetate	3.84	43	337127	105.74	ug/l	99
24) 1,1-Dichloroethane	3.71	63	46991	21.43	ug/l	98
25) 2-Butanone	4.73	43	127022	107.70	ug/l	98
26) 2,2-Dichloropropane	4.60	77	38481	20.48	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	27868	21.55	ug/l	99
28) Bromochloromethane	5.03	49	14273	19.64	ug/l	95
29) Tetrahydrofuran	5.19	42	84242	104.24	ug/l	100
30) Chloroform	5.23	83	48134	21.78	ug/l	98
31) Cyclohexane	5.59	56	38285	21.26	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	44356	21.32	ug/l	99
36) 1,1-Dichloropropene	5.81	75	35694	19.69	ug/l	99
37) Ethyl Acetate	4.88	43	46146	19.71	ug/l	99
38) Carbon Tetrachloride	5.79	117	40104	19.70	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	43750	19.88	ug/l	97
40) Benzene	6.16	78	103233	20.15	ug/l	100
41) Methacrylonitrile	5.07	41	23871	19.85	ug/l	98
42) 1,2-Dichloroethane	6.21	62	38176	20.86	ug/l	100
43) Isopropyl Acetate	6.48	43	69894	19.80	ug/l	99
44) Trichloroethene	7.23	130	31564	19.91	ug/l	92
45) 1,2-Dichloropropane	7.52	63	25723	20.65	ug/l	96
46) Dibromomethane	7.68	93	20075	20.88	ug/l	96
47) Bromodichloromethane	7.91	83	37602	20.11	ug/l	99
48) Methyl methacrylate	7.79	41	34396	19.85	ug/l	98
49) 1,4-Dioxane	7.77	88	17618	381.77	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	250608	101.90	ug/l	97
52) Toluene	8.79	92	70247	20.41	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	43629	19.95	ug/l	98
54) cis-1,3-Dichloropropene	9.06	75	42834	20.15	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	29336	20.33	ug/l	97
56) Ethyl methacrylate	9.20	69	45374	20.49	ug/l	98
57) 1,3-Dichloropropane	9.38	76	46456	20.69	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	108878	99.56	ug/l	99
59) 2-Hexanone	9.51	43	204256	102.11	ug/l	98
60) Dibromochloromethane	9.59	129	33113	19.95	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32363	20.36	ug/l	97
64) Tetrachloroethene	9.35	164	29103	19.59	ug/l	99
65) Chlorobenzene	10.15	112	83124	20.04	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	30573	20.50	ug/l	99
67) Ethyl Benzene	10.26	91	137426	19.99	ug/l	99
68) m/p-Xylenes	10.37	106	109428	39.96	ug/l	100
69) o-Xylene	10.71	106	54152	20.49	ug/l	97
70) Styrene	10.72	104	87288	19.55	ug/l	99
71) Bromoform	10.87	173	27259	19.32	ug/l #	98
73) Isopropylbenzene	11.03	105	141814	19.88	ug/l	100
74) N-amyl acetate	6.48	43	69894	19.58	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	49062	20.22	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	44302m	20.92	ug/l	
77) Bromobenzene	11.26	156	37739	19.50	ug/l	96
78) n-propylbenzene	11.37	91	163931	19.82	ug/l	100
79) 2-Chlorotoluene	11.43	91	94974	19.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	118251	19.79	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	15972	18.66	ug/l	91
82) 4-Chlorotoluene	11.52	91	113247	19.82	ug/l	100
83) tert-Butylbenzene	11.78	119	120772	20.00	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	122353	20.00	ug/l	100
85) sec-Butylbenzene	11.96	105	148212	19.95	ug/l	100
86) p-Isopropyltoluene	12.07	119	132242	19.79	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	72602	19.91	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	73785	19.77	ug/l	99
89) n-Butylbenzene	12.40	91	120878	19.37	ug/l	99
90) Hexachloroethane	12.60	117	22293	19.08	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	70808	19.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13866	19.95	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	52819	19.35	ug/l	99
94) Hexachlorobutadiene	13.79	225	24458	19.00	ug/l	99
95) Naphthalene	13.85	128	180308	20.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	51981	19.57	ug/l	99

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

