

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000668.D
 Acq On : 04 Apr 2018 20:26
 Operator : JC/MD
 Sample : VX0404WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Manual Integrations
 APPROVED

sam
 4/5/2018 6:25:26 PM

Quant Time: Apr 05 05:36:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	98942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	173633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	100707	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	79487	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
35) Dibromofluoromethane	5.51	113	56982	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	8.73	98	236869	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
62) 4-Bromofluorobenzene	11.15	95	92402	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	29035	21.90	ug/l	97
3) Chloromethane	1.32	50	24606	21.68	ug/l	94
4) Vinyl Chloride	1.40	62	31285	21.03	ug/l	99
5) Bromomethane	1.64	94	27559	19.03	ug/l	98
6) Chloroethane	1.73	64	22307	20.38	ug/l	94
7) Trichlorofluoromethane	1.93	101	54587	20.70	ug/l	93
8) Diethyl Ether	2.19	74	20215	20.66	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28649	20.11	ug/l	96
10) Methyl Iodide	2.51	142	14207	20.26	ug/l	98
11) Tert butyl alcohol	3.08	59	65034	99.76	ug/l	98
12) 1,1-Dichloroethene	2.38	96	26906	20.03	ug/l	94
13) Acrolein	2.30	56	36237	93.77	ug/l	99
14) Allyl chloride	2.73	41	53345	19.80	ug/l	100
15) Acrylonitrile	3.15	53	124046	103.18	ug/l	99
16) Acetone	2.45	43	134816	97.48	ug/l	97
17) Carbon Disulfide	2.57	76	59830	18.95	ug/l	100
18) Methyl Acetate	2.78	43	64968	21.07	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	102424	21.09	ug/l	95
20) Methylene Chloride	2.86	84	30382	19.26	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	27485	18.87	ug/l	85
22) Diisopropyl ether	3.89	45	68303	17.82	ug/l	92
23) Vinyl Acetate	3.83	43	319880	86.30	ug/l	100
24) 1,1-Dichloroethane	3.70	63	49812	19.55	ug/l	98
25) 2-Butanone	4.71	43	138552	98.83	ug/l	100
26) 2,2-Dichloropropane	4.60	77	27975	20.05	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	22989	20.85	ug/l	97
28) Bromochloromethane	5.03	49	18454	19.33	ug/l	98
29) Tetrahydrofuran	5.18	42	87082	96.54	ug/l	98
30) Chloroform	5.23	83	42235	19.55	ug/l	96
31) Cyclohexane	5.59	56	31329	18.88	ug/l	88
32) 1,1,1-Trichloroethane	5.50	97	36725	20.66	ug/l	99
36) 1,1-Dichloropropene	5.81	75	30119	18.70	ug/l	97
37) Ethyl Acetate	4.87	43	46247	18.87	ug/l	99
38) Carbon Tetrachloride	5.80	117	30041	19.38	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	33329	17.90	ug/l	96
40) Benzene	6.15	78	90741	19.73	ug/l	96
41) Methacrylonitrile	5.07	41	25085	18.68	ug/l	96
42) 1,2-Dichloroethane	6.21	62	37626	19.56	ug/l	98
43) Isopropyl Acetate	6.48	43	68602	19.30	ug/l	99
44) Trichloroethene	7.22	130	23960	18.85	ug/l	97
45) 1,2-Dichloropropane	7.52	63	23381	18.85	ug/l	99
46) Dibromomethane	7.67	93	18597	20.44	ug/l	96
47) Bromodichloromethane	7.91	83	34403	19.88	ug/l	92
48) Methyl methacrylate	7.79	41	34248	18.80	ug/l	99
49) 1,4-Dioxane	7.77	88	14270	369.63	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	282606	97.77	ug/l	100
52) Toluene	8.79	92	60710	18.68	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	36484	19.50	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	36444	19.25	ug/l	90
55) 1,1,2-Trichloroethane	9.23	97	26804	19.78	ug/l	97
56) Ethyl methacrylate	9.19	69	40117	19.25	ug/l	99
57) 1,3-Dichloropropane	9.38	76	45084	20.32	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	100305	105.64	ug/l	98
59) 2-Hexanone	9.51	43	243862	99.21	ug/l	100
60) Dibromochloromethane	9.59	129	25856	18.56	ug/l	98
61) 1,2-Dibromoethane	9.68	107	28554	19.54	ug/l	100
64) Tetrachloroethene	9.34	164	23699	20.42	ug/l	95
65) Chlorobenzene	10.15	112	72052	19.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	24319	19.65	ug/l	97
67) Ethyl Benzene	10.26	91	127970	19.93	ug/l	98
68) m/p-Xylenes	10.37	106	98136	40.55	ug/l	99
69) o-Xylene	10.71	106	46635	19.57	ug/l	99
70) Styrene	10.72	104	78177	19.46	ug/l	97
71) Bromoform	10.87	173	19240	18.60	ug/l #	99
73) Isopropylbenzene	11.02	105	132590	21.78	ug/l	99
74) N-amyl acetate	6.48	43	68602	21.00	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	49432	21.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	45890m	20.89	ug/l	
77) Bromobenzene	11.26	156	31950	20.99	ug/l	97
78) n-propylbenzene	11.37	91	162329	21.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	91384	21.67	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	113128	21.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	12612	20.59	ug/l	89
82) 4-Chlorotoluene	11.52	91	107245	20.32	ug/l	96
83) tert-Butylbenzene	11.78	119	110743	21.85	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	118921	21.87	ug/l	100
85) sec-Butylbenzene	11.95	105	140955	21.89	ug/l	99
86) p-Isopropyltoluene	12.07	119	121768	21.73	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	62937	21.22	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	65559	20.21	ug/l	98
89) n-Butylbenzene	12.40	91	123970	21.69	ug/l	98
90) Hexachloroethane	12.60	117	19444	20.42	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	61468	19.87	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14428	21.82	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	44076	21.17	ug/l	99
94) Hexachlorobutadiene	13.79	225	15949	20.00	ug/l	99
95) Naphthalene	13.84	128	162431	21.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	43128	20.59	ug/l	98

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

