

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040318\
 Data File : VX000651.D
 Acq On : 03 Apr 2018 13:52
 Operator : JC/MD
 Sample : VX0403WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Manual Integrations
 APPROVED

sam
 4/4/2018 5:42:49 PM

Quant Time: Apr 03 18:02:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	131896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	216356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	231932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	147996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	77488	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	
35) Dibromofluoromethane	5.51	113	63354	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	8.73	98	257128	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
62) 4-Bromofluorobenzene	11.15	95	101794	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24085	16.569	ug/l	96
3) Chloromethane	1.32	50	25308	16.526	ug/l	97
4) Vinyl Chloride	1.41	62	31461	19.443	ug/l	97
5) Bromomethane	1.64	94	29492	15.256	ug/l	95
6) Chloroethane	1.73	64	23779	25.946	ug/l	96
7) Trichlorofluoromethane	1.93	101	61077	20.913	ug/l	99
8) Diethyl Ether	2.19	74	22568	21.623	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33703	20.695	ug/l	98
10) Methyl Iodide	2.52	142	16008	13.348	ug/l	94
11) Tert butyl alcohol	3.07	59	64223	108.443	ug/l	98
12) 1,1-Dichloroethene	2.38	96	29591	20.698	ug/l	95
13) Acrolein	2.29	56	26668	147.386	ug/l	97
14) Allyl chloride	2.73	41	53267	21.037	ug/l	97
15) Acrylonitrile	3.15	53	126246	105.251	ug/l	99
16) Acetone	2.45	43	152820	106.699	ug/l	96
17) Carbon Disulfide	2.57	76	69670	18.329	ug/l	100
18) Methyl Acetate	2.78	43	64237	21.393	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	109043	20.623	ug/l	97
20) Methylene Chloride	2.86	84	34823	21.050	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	32405	20.320	ug/l	92
22) Diisopropyl ether	3.88	45	77263	17.288	ug/l	98
23) Vinyl Acetate	3.83	43	355058	83.805	ug/l	98
24) 1,1-Dichloroethane	3.70	63	57282	20.386	ug/l	99
25) 2-Butanone	4.71	43	155213	96.414	ug/l	98
26) 2,2-Dichloropropane	4.59	77	37062	18.819	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	27759	18.624	ug/l	97
28) Bromochloromethane	5.03	49	24078	20.781	ug/l	96
29) Tetrahydrofuran	5.17	42	94409	95.315	ug/l	99
30) Chloroform	5.23	83	52371	19.888	ug/l	97
31) Cyclohexane	5.59	56	38449	17.701	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	46407	19.535	ug/l	97
36) 1,1-Dichloropropene	5.81	75	37596	18.551	ug/l	98
37) Ethyl Acetate	4.87	43	50654	18.298	ug/l	99
38) Carbon Tetrachloride	5.79	117	39289	18.479	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	44797	18.175	ug/l	97
40) Benzene	6.15	78	114373	19.433	ug/l	100
41) Methacrylonitrile	5.07	41	27858	19.088	ug/l	98
42) 1,2-Dichloroethane	6.21	62	43787	18.962	ug/l	97
43) Isopropyl Acetate	6.48	43	77250	18.747	ug/l	99
44) Trichloroethene	7.22	130	33298	19.749	ug/l	95
45) 1,2-Dichloropropane	7.52	63	29483	19.571	ug/l	99
46) Dibromomethane	7.67	93	23379	19.771	ug/l	97
47) Bromodichloromethane	7.91	83	41474	19.935	ug/l	96
48) Methyl methacrylate	7.79	41	38222	19.106	ug/l	98
49) 1,4-Dioxane	7.76	88	17074	406.023	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	316361	99.185	ug/l	99
52) Toluene	8.79	92	80803	19.639	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	47840	19.844	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	47400	20.269	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	34235	20.234	ug/l	96
56) Ethyl methacrylate	9.19	69	49728	19.396	ug/l	99
57) 1,3-Dichloropropane	9.38	76	55854	20.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	92513	75.182	ug/l	98
59) 2-Hexanone	9.51	43	269664	99.568	ug/l	100
60) Dibromochloromethane	9.59	129	35078	20.193	ug/l	98
61) 1,2-Dibromoethane	9.68	107	37537	20.688	ug/l	100
64) Tetrachloroethene	9.34	164	33503	18.615	ug/l	97
65) Chlorobenzene	10.15	112	96705	18.736	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	33030	18.842	ug/l	96
67) Ethyl Benzene	10.26	91	168572	19.266	ug/l	97
68) m/p-Xylenes	10.37	106	132503	38.484	ug/l	96
69) o-Xylene	10.71	106	64567	19.368	ug/l	98
70) Styrene	10.72	104	105519	19.130	ug/l	100
71) Bromoform	10.87	173	28296	18.783	ug/l #	95
73) Isopropylbenzene	11.02	105	175221	17.869	ug/l	99
74) N-amyl acetate	6.48	43	77250	15.823	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	65104	18.771	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	66104m	20.783	ug/l	
77) Bromobenzene	11.26	156	45011	17.231	ug/l	98
78) n-propylbenzene	11.37	91	213438	18.255	ug/l	99
79) 2-Chlorotoluene	11.43	91	118774	17.584	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155306	18.837	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17174	17.482	ug/l	94
82) 4-Chlorotoluene	11.52	91	149018	18.477	ug/l	99
83) tert-Butylbenzene	11.78	119	151523	18.222	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	159366	18.436	ug/l	99
85) sec-Butylbenzene	11.95	105	190437	18.509	ug/l	99
86) p-Isopropyltoluene	12.07	119	171327	18.749	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	91966	18.620	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	96276	18.566	ug/l	98
89) n-Butylbenzene	12.40	91	162289	19.075	ug/l	98
90) Hexachloroethane	12.60	117	27089	18.834	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	95047	19.629	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17371	17.959	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	66387	19.124	ug/l	99
94) Hexachlorobutadiene	13.79	225	26111	18.166	ug/l	98
95) Naphthalene	13.84	128	234640	19.404	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	66526	19.394	ug/l	99

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

