

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000813.D
 Acq On : 12 Apr 2018 19:56
 Operator : JC/MD
 Sample : J2236-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MS

Manual Integrations
 APPROVED

apatel
 4/13/2018 2:58:02 PM

Quant Time: Apr 13 07:40:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	191502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	264856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	111976	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
35) Dibromofluoromethane	5.51	113	94854	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	8.73	98	341332	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
62) 4-Bromofluorobenzene	11.15	95	139197	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98847	45.73	ug/l	100
3) Chloromethane	1.32	50	78103	42.14	ug/l	99
4) Vinyl Chloride	1.40	62	96991	46.52	ug/l	95
5) Bromomethane	1.64	94	42474	49.20	ug/l	98
6) Chloroethane	1.73	64	57159	45.24	ug/l	98
7) Trichlorofluoromethane	1.93	101	144180	45.84	ug/l	97
8) Diethyl Ether	2.19	74	55703	47.41	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	84444	45.53	ug/l	99
10) Methyl Iodide	2.51	142	28841	24.92	ug/l	99
11) Tert butyl alcohol	3.08	59	129477	302.02	ug/l	100
12) 1,1-Dichloroethene	2.38	96	79411	45.18	ug/l	98
13) Acrolein	2.30	56	33898	162.82	ug/l	99
14) Allyl chloride	2.73	41	151065	46.48	ug/l	97
15) Acrylonitrile	3.15	53	257604	281.84	ug/l	100
16) Acetone	2.45	43	218216	262.06	ug/l	99
17) Carbon Disulfide	2.57	76	223611	42.01	ug/l	100
18) Methyl Acetate	2.78	43	123792	57.45	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	281540	48.09	ug/l	100
20) Methylene Chloride	2.86	84	89954	46.45	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	87040	44.91	ug/l	98
22) Diisopropyl ether	3.88	45	291439	48.79	ug/l	97
23) Vinyl Acetate	3.84	43	1336662	254.90	ug/l	99
24) 1,1-Dichloroethane	3.70	63	162478	48.48	ug/l	99
25) 2-Butanone	4.72	43	392770	285.64	ug/l	98
26) 2,2-Dichloropropane	4.59	77	139327	41.88	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	104284	47.41	ug/l	99
28) Bromochloromethane	5.03	49	62501	46.31	ug/l	98
29) Tetrahydrofuran	5.18	42	248864	285.04	ug/l	99
30) Chloroform	5.23	83	170255	47.98	ug/l	97
31) Cyclohexane	5.59	56	142190	44.67	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	155604	46.03	ug/l	99
36) 1,1-Dichloropropene	5.81	75	125702	43.09	ug/l	99
37) Ethyl Acetate	4.87	43	150050	52.69	ug/l	100
38) Carbon Tetrachloride	5.79	117	140575	43.06	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	147599	42.14	ug/l	99
40) Benzene	6.15	78	369866	45.64	ug/l	99
41) Methacrylonitrile	5.07	41	85067	51.71	ug/l	99
42) 1,2-Dichloroethane	6.21	62	141340	46.69	ug/l	99
43) Isopropyl Acetate	6.48	43	241005	49.37	ug/l	100
44) Trichloroethene	7.22	130	110427	43.81	ug/l	98
45) 1,2-Dichloropropane	7.52	63	95825	46.43	ug/l	97
46) Dibromomethane	7.67	93	65969	45.85	ug/l	99
47) Bromodichloromethane	7.91	83	131143	45.16	ug/l	99
48) Methyl methacrylate	7.79	41	124404	49.16	ug/l	99
49) 1,4-Dioxane	7.76	88	51268	1008.12	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	791940	276.15	ug/l	99
52) Toluene	8.79	92	241386	44.89	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	155640	44.68	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	150081	44.25	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	99890	46.80	ug/l	98
56) Ethyl methacrylate	9.19	69	157897	47.95	ug/l	99
57) 1,3-Dichloropropane	9.38	76	161874	47.70	ug/l	100
59) 2-Hexanone	9.51	43	621241	280.61	ug/l	99
60) Dibromochloromethane	9.59	129	115528	45.23	ug/l	100
61) 1,2-Dibromoethane	9.68	107	107999	47.69	ug/l	99
64) Tetrachloroethene	9.34	164	105730	42.67	ug/l	99
65) Chlorobenzene	10.15	112	284592	44.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	107126	44.65	ug/l	99
67) Ethyl Benzene	10.26	91	470180	44.24	ug/l	99
68) m/p-Xylenes	10.37	106	368319	87.80	ug/l	99
69) o-Xylene	10.71	106	181246	44.83	ug/l	99
70) Styrene	10.72	104	301598	44.25	ug/l	100
71) Bromoform	10.87	173	98882	44.51	ug/l	99
73) Isopropylbenzene	11.02	105	488774	44.96	ug/l	99
74) N-amyl acetate	6.48	43	241005	49.23	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	153982	48.81	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	144561m	48.92	ug/l	
77) Bromobenzene	11.26	156	143010	44.89	ug/l	99
78) n-propylbenzene	11.37	91	544647	43.80	ug/l	100
79) 2-Chlorotoluene	11.43	91	322438	43.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	410432	43.90	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	47773	44.47	ug/l	94
82) 4-Chlorotoluene	11.52	91	388180	43.76	ug/l	100
83) tert-Butylbenzene	11.78	119	428524	44.80	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	424403	43.97	ug/l	100
85) sec-Butylbenzene	11.95	105	495040	43.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	457490	43.48	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	258338	43.81	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	262614	43.46	ug/l	100
89) n-Butylbenzene	12.40	91	397550	42.81	ug/l	100
90) Hexachloroethane	12.60	117	75390	42.34	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	256725	45.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39729	50.26	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	211902	43.62	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	101496	42.49	ug/l	99
95) Naphthalene	13.84	128	608723	48.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	208636	44.22	ug/l	99

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

