

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001168.D
 Acq On : 27 Apr 2018 14:11
 Operator : JC/MD
 Sample : VX0427WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:04:36 PM

Quant Time: Apr 28 03:21:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	305460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	146297	40.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.70%	
35) Dibromofluoromethane	5.51	113	116153	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
50) Toluene-d8	8.72	98	445195	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	11.14	95	172645	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47920	19.53	ug/l	98
3) Chloromethane	1.32	50	45672	17.78	ug/l	100
4) Vinyl Chloride	1.40	62	50776	18.63	ug/l	99
5) Bromomethane	1.64	94	37724	21.34	ug/l	100
6) Chloroethane	1.73	64	31793	18.53	ug/l	97
7) Trichlorofluoromethane	1.93	101	88013	19.99	ug/l	98
8) Diethyl Ether	2.19	74	30615	18.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50509	20.82	ug/l	99
10) Methyl Iodide	2.51	142	31489	17.92	ug/l	99
11) Tert butyl alcohol	3.07	59	58959	82.45	ug/l	98
12) 1,1-Dichloroethene	2.38	96	45047	19.04	ug/l	97
13) Acrolein	2.30	56	17622	65.19	ug/l	95
14) Allyl chloride	2.73	41	81100	18.79	ug/l	98
15) Acrylonitrile	3.15	53	127649	83.60	ug/l	100
16) Acetone	2.45	43	131147	87.95	ug/l	99
17) Carbon Disulfide	2.57	76	109215	18.09	ug/l	100
18) Methyl Acetate	2.78	43	65110	17.45	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	158423	18.19	ug/l	99
20) Methylene Chloride	2.86	84	49799	17.93	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48115	18.40	ug/l	99
22) Diisopropyl ether	3.88	45	152992	17.72	ug/l	97
23) Vinyl Acetate	3.83	43	652298	89.05	ug/l	99
24) 1,1-Dichloroethane	3.70	63	81967	18.06	ug/l	97
25) 2-Butanone	4.71	43	184086	82.51	ug/l	99
26) 2,2-Dichloropropane	4.59	77	65896	18.45	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	53218	18.59	ug/l	100
28) Bromochloromethane	5.03	49	38915	19.13	ug/l	98
29) Tetrahydrofuran	5.17	42	115179	80.29	ug/l	100
30) Chloroform	5.22	83	89901	18.63	ug/l	98
31) Cyclohexane	5.58	56	76332	19.80	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	78274	18.79	ug/l	99
36) 1,1-Dichloropropene	5.81	75	67462	20.04	ug/l	100
37) Ethyl Acetate	4.87	43	69858	17.33	ug/l	99
38) Carbon Tetrachloride	5.79	117	68229	19.77	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79360	21.30	ug/l	96
40) Benzene	6.15	78	196711	20.20	ug/l	97
41) Methacrylonitrile	5.07	41	40313	17.80	ug/l	98
42) 1,2-Dichloroethane	6.20	62	76538	19.51	ug/l	99
43) Isopropyl Acetate	6.48	43	113666	17.95	ug/l	99
44) Trichloroethene	7.22	130	58839	20.28	ug/l	98
45) 1,2-Dichloropropane	7.53	63	50045	19.54	ug/l	99
46) Dibromomethane	7.67	93	35297	19.90	ug/l	99
47) Bromodichloromethane	7.90	83	62566	19.42	ug/l	98
48) Methyl methacrylate	7.79	41	60389	17.95	ug/l	99
49) 1,4-Dioxane	7.76	88	22672	336.53	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	377845	90.86	ug/l	97
52) Toluene	8.79	92	130363	20.47	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	74072	19.77	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	67827	18.80	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	52458	19.47	ug/l	99
56) Ethyl methacrylate	9.19	69	73828	18.50	ug/l	98
57) 1,3-Dichloropropane	9.38	76	86324	19.81	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	175239	92.87	ug/l	100
59) 2-Hexanone	9.50	43	289999	89.00	ug/l	99
60) Dibromochloromethane	9.59	129	52843	19.01	ug/l	98
61) 1,2-Dibromoethane	9.68	107	55832	19.78	ug/l	100
64) Tetrachloroethene	9.34	164	66133	21.16	ug/l	99
65) Chlorobenzene	10.15	112	152432	19.88	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	52594	19.82	ug/l	98
67) Ethyl Benzene	10.26	91	255204	20.48	ug/l	100
68) m/p-Xylenes	10.37	106	198542	40.30	ug/l	97
69) o-Xylene	10.71	106	97437	20.39	ug/l	100
70) Styrene	10.72	104	158963	19.99	ug/l	99
71) Bromoform	10.86	173	41127	18.23	ug/l #	99
73) Isopropylbenzene	11.02	105	260648	20.00	ug/l	100
74) N-amyl acetate	6.48	43	113666	17.31	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	77300	17.88	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	73579m	18.07	ug/l	
77) Bromobenzene	11.26	156	75533	19.54	ug/l	98
78) n-propylbenzene	11.37	91	301124	20.72	ug/l	100
79) 2-Chlorotoluene	11.43	91	177198	19.67	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	223073	20.21	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16452	16.68	ug/l	88
82) 4-Chlorotoluene	11.52	91	213335	19.92	ug/l	100
83) tert-Butylbenzene	11.77	119	213931	19.43	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	231689	20.43	ug/l	100
85) sec-Butylbenzene	11.95	105	265469	20.64	ug/l	100
86) p-Isopropyltoluene	12.07	119	242346	20.25	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	138895	20.02	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141433	19.56	ug/l	98
89) n-Butylbenzene	12.39	91	209447	20.22	ug/l	98
90) Hexachloroethane	12.60	117	32767	19.20	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	136735	19.50	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16033	16.80	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104462	19.00	ug/l	99
94) Hexachlorobutadiene	13.79	225	48523	18.78	ug/l	99
95) Naphthalene	13.84	128	279726	18.26	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104782	19.15	ug/l	99

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

