

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001463.D
 Acq On : 07 May 2018 13:59
 Operator : JC/MD
 Sample : VX0507WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:32 PM

Quant Time: May 08 06:47:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	234832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196196	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	5.51	113	158527	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	8.72	98	574106	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.14	95	216254	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	75778	20.82	ug/l	98
3) Chloromethane	1.32	50	71582	20.19	ug/l	99
4) Vinyl Chloride	1.40	62	75182	20.32	ug/l	100
5) Bromomethane	1.64	94	50240	28.17	ug/l	100
6) Chloroethane	1.72	64	48996	20.04	ug/l	100
7) Trichlorofluoromethane	1.93	101	117465	21.10	ug/l	99
8) Diethyl Ether	2.19	74	42637	19.54	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67325	20.63	ug/l	100
10) Methyl Iodide	2.51	142	89219	18.94	ug/l	99
11) Tert butyl alcohol	3.07	59	85425	104.26	ug/l	100
12) 1,1-Dichloroethene	2.37	96	60420	20.20	ug/l	96
13) Acrolein	2.29	56	15684	89.62	ug/l	93
14) Allyl chloride	2.73	41	113520	20.35	ug/l	98
15) Acrylonitrile	3.15	53	178545	96.43	ug/l	99
16) Acetone	2.45	43	171963	97.45	ug/l	99
17) Carbon Disulfide	2.57	76	146196	19.20	ug/l	99
18) Methyl Acetate	2.78	43	93456	20.16	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	213492	20.50	ug/l	99
20) Methylene Chloride	2.86	84	69489	19.89	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	66295	19.86	ug/l	96
22) Diisopropyl ether	3.87	45	200654	19.25	ug/l	96
23) Vinyl Acetate	3.82	43	894405	102.97	ug/l	100
24) 1,1-Dichloroethane	3.70	63	121156	20.81	ug/l	99
25) 2-Butanone	4.71	43	248130	97.28	ug/l	97
26) 2,2-Dichloropropane	4.58	77	90820	20.20	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	72165	20.29	ug/l	98
28) Bromochloromethane	5.02	49	56245	22.28	ug/l	96
29) Tetrahydrofuran	5.17	42	155190	95.09	ug/l	99
30) Chloroform	5.22	83	124547	20.77	ug/l	99
31) Cyclohexane	5.58	56	99795	19.96	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	109608	20.91	ug/l	99
36) 1,1-Dichloropropene	5.80	75	89013	20.25	ug/l	99
37) Ethyl Acetate	4.87	43	94864	19.69	ug/l	100
38) Carbon Tetrachloride	5.79	117	98747	21.06	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	105942	20.38	ug/l	96
40) Benzene	6.15	78	269178	20.96	ug/l	100
41) Methacrylonitrile	5.07	41	54276	19.69	ug/l	99
42) 1,2-Dichloroethane	6.20	62	106388	21.56	ug/l	99
43) Isopropyl Acetate	6.47	43	147092	19.88	ug/l	99
44) Trichloroethene	7.21	130	83373	21.24	ug/l	98
45) 1,2-Dichloropropane	7.52	63	66969	20.92	ug/l	100
46) Dibromomethane	7.67	93	47524	20.97	ug/l	99
47) Bromodichloromethane	7.90	83	88020	20.99	ug/l	99
48) Methyl methacrylate	7.78	41	81187	20.16	ug/l	99
49) 1,4-Dioxane	7.76	88	35311	405.77	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	500059	101.73	ug/l	99
52) Toluene	8.79	92	178093	21.21	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	100872	21.28	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	91616	20.11	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	71727	21.21	ug/l	96
56) Ethyl methacrylate	9.19	69	96565	19.81	ug/l	97
57) 1,3-Dichloropropane	9.38	76	117253	20.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	254498	106.42	ug/l	99
59) 2-Hexanone	9.50	43	372870	99.06	ug/l	98
60) Dibromochloromethane	9.59	129	70756	20.43	ug/l	98
61) 1,2-Dibromoethane	9.68	107	74412	20.95	ug/l	99
64) Tetrachloroethene	9.34	164	99350	21.85	ug/l	99
65) Chlorobenzene	10.15	112	199537	20.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	73639	21.52	ug/l	99
67) Ethyl Benzene	10.26	91	327368	20.88	ug/l	99
68) m/p-Xylenes	10.37	106	268438	43.33	ug/l	99
69) o-Xylene	10.70	106	127281	21.14	ug/l	97
70) Styrene	10.72	104	209345	21.40	ug/l	99
71) Bromoform	10.86	173	55825	19.32	ug/l #	99
73) Isopropylbenzene	11.02	105	345883	21.28	ug/l	100
74) N-amyl acetate	6.47	43	147092	19.92	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	96434	20.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	97045m	20.38	ug/l	
77) Bromobenzene	11.26	156	97503	20.63	ug/l	99
78) n-propylbenzene	11.37	91	385730	21.79	ug/l	99
79) 2-Chlorotoluene	11.43	91	230725	21.18	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	290817	21.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23402	18.61	ug/l	91
82) 4-Chlorotoluene	11.52	91	271457	21.60	ug/l	99
83) tert-Butylbenzene	11.77	119	278144	20.65	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	302391	21.74	ug/l	99
85) sec-Butylbenzene	11.95	105	348936	21.59	ug/l	99
86) p-Isopropyltoluene	12.07	119	322654	21.76	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	176523	20.89	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	181565	21.07	ug/l	99
89) n-Butylbenzene	12.40	91	262531	21.37	ug/l	99
90) Hexachloroethane	12.60	117	45205	20.24	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	179073	20.83	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21676	20.55	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131410	20.89	ug/l	100
94) Hexachlorobutadiene	13.79	225	72551	21.08	ug/l	99
95) Naphthalene	13.84	128	363487	20.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135954	21.06	ug/l	99

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

