

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002017.D
 Acq On : 26 May 2018 14:12
 Operator : JC/MD
 Sample : VX0526WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:50:07 PM

Quant Time: May 28 01:19:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	241222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	210258	40.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.74%	
35) Dibromofluoromethane	5.51	113	165272	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	
50) Toluene-d8	8.72	98	614846	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	
62) 4-Bromofluorobenzene	11.14	95	234910	42.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65522	16.61	ug/l	96
3) Chloromethane	1.32	50	75721	16.89	ug/l	100
4) Vinyl Chloride	1.40	62	76804	17.74	ug/l	99
5) Bromomethane	1.64	94	42476	20.75	ug/l	100
6) Chloroethane	1.73	64	49279	19.31	ug/l	99
7) Trichlorofluoromethane	1.93	101	124598	19.16	ug/l	100
8) Diethyl Ether	2.19	74	45764	19.40	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72068	19.87	ug/l	99
10) Methyl Iodide	2.51	142	75835	15.45	ug/l	97
11) Tert butyl alcohol	3.07	59	90811	88.82	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63193	18.60	ug/l	96
13) Acrolein	2.29	56	35924	81.26	ug/l	99
14) Allyl chloride	2.73	41	136291	19.12	ug/l	99
15) Acrylonitrile	3.15	53	193762	92.15	ug/l	100
16) Acetone	2.45	43	190654	94.84	ug/l	100
17) Carbon Disulfide	2.57	76	174712	17.87	ug/l	99
18) Methyl Acetate	2.78	43	98556	19.66	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	240576	18.83	ug/l	98
20) Methylene Chloride	2.86	84	70337	19.18	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	66707	19.20	ug/l	97
22) Diisopropyl ether	3.87	45	248751	17.15	ug/l	95
23) Vinyl Acetate	3.83	43	1101442	91.60	ug/l	99
24) 1,1-Dichloroethane	3.70	63	132223	19.19	ug/l	100
25) 2-Butanone	4.71	43	293209	79.58	ug/l	100
26) 2,2-Dichloropropane	4.59	77	118358	16.97	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	73529	16.60	ug/l	91
28) Bromochloromethane	5.03	49	54142	17.37	ug/l	99
29) Tetrahydrofuran	5.17	42	188711	78.72	ug/l	100
30) Chloroform	5.22	83	128066	16.50	ug/l	99
31) Cyclohexane	5.57	56	122240	17.03	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	119136	16.47	ug/l	99
36) 1,1-Dichloropropene	5.80	75	94513	17.32	ug/l	99
37) Ethyl Acetate	4.87	43	115594	16.25	ug/l	99
38) Carbon Tetrachloride	5.78	117	106436	16.72	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124322	18.54	ug/l	98
40) Benzene	6.15	78	281965	17.63	ug/l	98
41) Methacrylonitrile	5.07	41	65963	16.66	ug/l	99
42) 1,2-Dichloroethane	6.20	62	109501	17.14	ug/l	100
43) Isopropyl Acetate	6.47	43	199703	16.84	ug/l	100
44) Trichloroethene	7.22	130	81878	17.57	ug/l	100
45) 1,2-Dichloropropane	7.52	63	76080	17.52	ug/l	99
46) Dibromomethane	7.67	93	50121	17.43	ug/l	99
47) Bromodichloromethane	7.90	83	101591	16.57	ug/l	99
48) Methyl methacrylate	7.78	41	101263	16.78	ug/l	99
49) 1,4-Dioxane	7.76	88	34010	319.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	609416	85.27	ug/l	99
52) Toluene	8.79	92	177031	17.40	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	121590	17.22	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	115328	16.76	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	74379	17.50	ug/l	99
56) Ethyl methacrylate	9.18	69	120472	16.48	ug/l	99
57) 1,3-Dichloropropane	9.38	76	122923	17.55	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	337554	104.16	ug/l	100
59) 2-Hexanone	9.50	43	469820	85.26	ug/l	99
60) Dibromochloromethane	9.59	129	81493	16.19	ug/l	100
61) 1,2-Dibromoethane	9.68	107	76855	17.23	ug/l	100
64) Tetrachloroethene	9.34	164	91716	17.63	ug/l	97
65) Chlorobenzene	10.14	112	204288	17.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	78347	16.87	ug/l	99
67) Ethyl Benzene	10.26	91	355244	17.78	ug/l	99
68) m/p-Xylenes	10.37	106	265871	34.81	ug/l	98
69) o-Xylene	10.70	106	133108	17.46	ug/l	99
70) Styrene	10.71	104	218535	17.28	ug/l	100
71) Bromoform	10.87	173	65884	14.96	ug/l #	98
73) Isopropylbenzene	11.02	105	361550	17.70	ug/l	99
74) N-amyl acetate	6.47	43	199703	16.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	104040	17.81	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	110762m	19.12	ug/l	
77) Bromobenzene	11.26	156	93115	17.18	ug/l	98
78) n-propylbenzene	11.37	91	408230	17.84	ug/l	99
79) 2-Chlorotoluene	11.43	91	244133	17.98	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	303980	17.41	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36357	15.08	ug/l	93
82) 4-Chlorotoluene	11.51	91	281581	17.45	ug/l	100
83) tert-Butylbenzene	11.77	119	299192	17.47	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	313286	17.37	ug/l	100
85) sec-Butylbenzene	11.95	105	368787	17.91	ug/l	99
86) p-Isopropyltoluene	12.07	119	331983	18.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	171279	17.65	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	169392	17.46	ug/l	99
89) n-Butylbenzene	12.39	91	284094	18.20	ug/l	100
90) Hexachloroethane	12.60	117	58169	16.00	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	173163	17.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	27256	15.01	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	123773	17.50	ug/l	99
94) Hexachlorobutadiene	13.79	225	69398	18.24	ug/l	99
95) Naphthalene	13.84	128	370736	17.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128244	17.53	ug/l	100

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

