

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001210.D
 Acq On : 28 Apr 2018 13:48
 Operator : JC/MD
 Sample : VX0428WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:44:43 PM

Quant Time: Apr 30 02:00:18 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	200954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	263374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	250187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138097	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
35) Dibromofluoromethane	5.51	113	111081	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	8.72	98	416470	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.14	95	159631	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41742	19.81	ug/l	96
3) Chloromethane	1.32	50	39764	18.02	ug/l	100
4) Vinyl Chloride	1.40	62	43507	18.58	ug/l	99
5) Bromomethane	1.64	94	34763	23.06	ug/l	98
6) Chloroethane	1.73	64	28194	19.13	ug/l	96
7) Trichlorofluoromethane	1.93	101	76358	20.19	ug/l	99
8) Diethyl Ether	2.19	74	27692	19.04	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44446	21.33	ug/l	100
10) Methyl Iodide	2.51	142	33647	20.52	ug/l	97
11) Tert butyl alcohol	3.07	59	50950	82.94	ug/l	97
12) 1,1-Dichloroethene	2.37	96	38152	18.77	ug/l	99
13) Acrolein	2.29	56	14004	60.30	ug/l	99
14) Allyl chloride	2.73	41	71570	19.31	ug/l	98
15) Acrylonitrile	3.15	53	113987	86.90	ug/l	98
16) Acetone	2.45	43	117539	91.76	ug/l	100
17) Carbon Disulfide	2.57	76	92820	17.90	ug/l	99
18) Methyl Acetate	2.78	43	60043	18.73	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	142169	19.00	ug/l	98
20) Methylene Chloride	2.86	84	44112	18.49	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	42313	18.84	ug/l	98
22) Diisopropyl ether	3.87	45	133091	17.94	ug/l	91
23) Vinyl Acetate	3.83	43	574698	91.33	ug/l	99
24) 1,1-Dichloroethane	3.70	63	77440	19.86	ug/l	99
25) 2-Butanone	4.71	43	161617	84.32	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57241	18.65	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	47332	19.24	ug/l	98
28) Bromochloromethane	5.02	49	36338	20.79	ug/l	98
29) Tetrahydrofuran	5.17	42	101408	82.29	ug/l	98
30) Chloroform	5.22	83	80265	19.36	ug/l	98
31) Cyclohexane	5.57	56	65792	19.86	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	68853	19.24	ug/l	99
36) 1,1-Dichloropropene	5.81	75	58045	20.00	ug/l	99
37) Ethyl Acetate	4.86	43	61933	17.82	ug/l	99
38) Carbon Tetrachloride	5.79	117	59478	19.99	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	66849	20.81	ug/l	98
40) Benzene	6.15	78	170228	20.28	ug/l	99
41) Methacrylonitrile	5.07	41	35822	18.34	ug/l	98
42) 1,2-Dichloroethane	6.20	62	68343	20.20	ug/l	99
43) Isopropyl Acetate	6.47	43	100656	18.44	ug/l	100
44) Trichloroethene	7.22	130	51743	20.69	ug/l	98
45) 1,2-Dichloropropane	7.52	63	43850	19.86	ug/l	99
46) Dibromomethane	7.67	93	31405	20.54	ug/l	98
47) Bromodichloromethane	7.90	83	55213	19.87	ug/l	99
48) Methyl methacrylate	7.79	41	53330	18.38	ug/l	99
49) 1,4-Dioxane	7.76	88	20929	360.29	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	332823	92.82	ug/l	97
52) Toluene	8.79	92	113818	20.73	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	64360	19.93	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	61017	19.48	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	47602	20.49	ug/l	98
56) Ethyl methacrylate	9.19	69	66180	19.23	ug/l	98
57) 1,3-Dichloropropane	9.38	76	75863	20.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	152784	93.90	ug/l	100
59) 2-Hexanone	9.50	43	255555	90.97	ug/l	99
60) Dibromochloromethane	9.59	129	47605	19.72	ug/l	100
61) 1,2-Dibromoethane	9.68	107	49880	20.50	ug/l	100
64) Tetrachloroethene	9.34	164	59337	22.22	ug/l	98
65) Chlorobenzene	10.14	112	135419	20.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	47928	21.13	ug/l	99
67) Ethyl Benzene	10.26	91	220874	20.74	ug/l	99
68) m/p-Xylenes	10.37	106	172304	40.92	ug/l	97
69) o-Xylene	10.70	106	84254	20.63	ug/l	99
70) Styrene	10.72	104	139970	20.59	ug/l	99
71) Bromoform	10.86	173	36662	18.80	ug/l #	99
73) Isopropylbenzene	11.02	105	230593	20.80	ug/l	99
74) N-amyl acetate	6.47	43	100656	18.02	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	69075	18.78	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	65238m	18.84	ug/l	
77) Bromobenzene	11.26	156	67186	20.44	ug/l	98
78) n-propylbenzene	11.37	91	259234	20.97	ug/l	100
79) 2-Chlorotoluene	11.43	91	154006	20.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	194704	20.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14877	17.41	ug/l	88
82) 4-Chlorotoluene	11.52	91	184629	20.27	ug/l	99
83) tert-Butylbenzene	11.77	119	187147	19.98	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	201502	20.89	ug/l	100
85) sec-Butylbenzene	11.95	105	232311	21.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	212096	20.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	121535	20.60	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	126466	20.57	ug/l	99
89) n-Butylbenzene	12.39	91	179930	20.43	ug/l	100
90) Hexachloroethane	12.60	117	28835	19.75	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	122192	20.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13944	17.18	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	94552	20.22	ug/l	100
94) Hexachlorobutadiene	13.79	225	43250	19.68	ug/l	99
95) Naphthalene	13.84	128	249018	19.12	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	93931	20.19	ug/l	98

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

