

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001424.D
 Acq On : 05 May 2018 17:54
 Operator : JC/MD
 Sample : VX0505WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0505WBSD01

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:59 AM

Quant Time: May 06 08:12:10 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	253365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	222115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	197048	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	5.51	113	155756	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	8.72	98	564006	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.14	95	210367	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74625	21.880	ug/l	99
3) Chloromethane	1.32	50	70912	21.348	ug/l	98
4) Vinyl Chloride	1.40	62	73637	21.241	ug/l	98
5) Bromomethane	1.64	94	47080	28.167	ug/l	95
6) Chloroethane	1.72	64	47640	20.790	ug/l	98
7) Trichlorofluoromethane	1.93	101	112862	21.632	ug/l	99
8) Diethyl Ether	2.19	74	44827	21.921	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	65045	21.266	ug/l	99
10) Methyl Iodide	2.51	142	84268	19.093	ug/l	99
11) Tert butyl alcohol	3.09	59	93944	122.355	ug/l	98
12) 1,1-Dichloroethene	2.37	96	60190	21.469	ug/l	98
13) Acrolein	2.30	56	17204	106.988	ug/l	98
14) Allyl chloride	2.73	41	112761	21.570	ug/l	99
15) Acrylonitrile	3.15	53	202055	116.458	ug/l	99
16) Acetone	2.45	43	196336	118.732	ug/l	100
17) Carbon Disulfide	2.57	76	147145	20.624	ug/l	100
18) Methyl Acetate	2.78	43	101605	23.387	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	215858	22.114	ug/l	98
20) Methylene Chloride	2.86	84	69500	21.227	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	64525	20.623	ug/l	97
22) Diisopropyl ether	3.88	45	203464	20.832	ug/l	98
23) Vinyl Acetate	3.83	43	889317	109.258	ug/l	100
24) 1,1-Dichloroethane	3.70	63	117778	21.588	ug/l	99
25) 2-Butanone	4.72	43	278170	116.375	ug/l	97
26) 2,2-Dichloropropane	4.59	77	87817	20.843	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	71291	21.394	ug/l	98
28) Bromochloromethane	5.03	49	49490	20.922	ug/l	98
29) Tetrahydrofuran	5.18	42	176805	115.607	ug/l	100
30) Chloroform	5.22	83	121526	21.624	ug/l	100
31) Cyclohexane	5.58	56	98577	21.037	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	104892	21.355	ug/l	99
36) 1,1-Dichloropropene	5.81	75	86782	20.436	ug/l	99
37) Ethyl Acetate	4.87	43	105128	22.584	ug/l	99
38) Carbon Tetrachloride	5.79	117	94440	20.852	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	102412	20.399	ug/l	97
40) Benzene	6.15	78	262307	21.148	ug/l	100
41) Methacrylonitrile	5.07	41	58346	21.907	ug/l	98
42) 1,2-Dichloroethane	6.21	62	103463	21.703	ug/l	99
43) Isopropyl Acetate	6.48	43	161034	22.535	ug/l	100
44) Trichloroethene	7.22	130	80360	21.197	ug/l	100
45) 1,2-Dichloropropane	7.52	63	65131	21.063	ug/l	99
46) Dibromomethane	7.67	93	46332	21.165	ug/l	100
47) Bromodichloromethane	7.90	83	86180	21.272	ug/l	100
48) Methyl methacrylate	7.79	41	85483	21.969	ug/l	98
49) 1,4-Dioxane	7.76	88	38313	455.753	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	552616	116.376	ug/l	98
52) Toluene	8.79	92	171501	21.146	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	98202	21.448	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	89330	20.280	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	70167	21.475	ug/l	96
56) Ethyl methacrylate	9.19	69	101465	21.543	ug/l	98
57) 1,3-Dichloropropane	9.38	76	115956	21.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	256228	110.915	ug/l	98
59) 2-Hexanone	9.51	43	420176	115.554	ug/l	100
60) Dibromochloromethane	9.59	129	70605	21.101	ug/l	98
61) 1,2-Dibromoethane	9.68	107	74465	21.706	ug/l	99
64) Tetrachloroethene	9.34	164	95610	21.483	ug/l	98
65) Chlorobenzene	10.15	112	193525	20.667	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71430	21.326	ug/l	99
67) Ethyl Benzene	10.26	91	318301	20.739	ug/l	99
68) m/p-Xylenes	10.37	106	255735	42.170	ug/l	100
69) o-Xylene	10.70	106	123877	21.018	ug/l	98
70) Styrene	10.72	104	201456	21.040	ug/l	99
71) Bromoform	10.87	173	56375	19.820	ug/l #	98
73) Isopropylbenzene	11.02	105	331135	21.535	ug/l	100
74) N-amyl acetate	6.48	43	161034	23.057	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	101004	22.241	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101188m	22.462	ug/l	
77) Bromobenzene	11.26	156	94634	21.169	ug/l	99
78) n-propylbenzene	11.37	91	364126	21.747	ug/l	100
79) 2-Chlorotoluene	11.43	91	222427	21.587	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	279612	21.841	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24365	20.054	ug/l	92
82) 4-Chlorotoluene	11.52	91	257614	21.672	ug/l	99
83) tert-Butylbenzene	11.77	119	270010	21.197	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	290404	22.071	ug/l	100
85) sec-Butylbenzene	11.95	105	334095	21.851	ug/l	99
86) p-Isopropyltoluene	12.07	119	307412	21.917	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	167852	21.004	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	169597	20.808	ug/l	99
89) n-Butylbenzene	12.40	91	244117	21.005	ug/l	99
90) Hexachloroethane	12.60	117	43589	20.639	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	172788	21.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23913	23.966	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123905	20.827	ug/l	99
94) Hexachlorobutadiene	13.79	225	68787	21.131	ug/l	99
95) Naphthalene	13.84	128	369960	22.485	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129985	21.293	ug/l	99

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

