

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050318\
 Data File : VX001359.D
 Acq On : 03 May 2018 15:13
 Operator : JC/MD
 Sample : VX0503WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2018 11:28:30 PM

Quant Time: May 04 07:32:50 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	155190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	195821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	101456	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	5.51	113	87274	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.72	98	315933	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.15	95	112570	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34133	19.88	ug/l	99
3) Chloromethane	1.32	50	32431	19.24	ug/l	97
4) Vinyl Chloride	1.40	62	35770	20.16	ug/l	97
5) Bromomethane	1.64	94	29596	21.46	ug/l	97
6) Chloroethane	1.72	64	23673	21.11	ug/l	96
7) Trichlorofluoromethane	1.93	101	63928	21.35	ug/l	99
8) Diethyl Ether	2.19	74	21643	21.05	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35116	20.34	ug/l	99
10) Methyl Iodide	2.51	142	46180	26.75	ug/l	99
11) Tert butyl alcohol	3.09	59	51829	140.23	ug/l	100
12) 1,1-Dichloroethene	2.37	96	31551	20.27	ug/l	96
13) Acrolein	2.30	56	13884	65.24	ug/l	100
14) Allyl chloride	2.73	41	56883	20.89	ug/l	99
15) Acrylonitrile	3.15	53	101851	118.90	ug/l	100
16) Acetone	2.45	43	104664	114.14	ug/l	99
17) Carbon Disulfide	2.57	76	69338	17.10	ug/l	98
18) Methyl Acetate	2.79	43	55632	25.69	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	113662	21.44	ug/l	98
20) Methylene Chloride	2.86	84	36453	21.11	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	34063	20.10	ug/l	93
22) Diisopropyl ether	3.89	45	112162	21.38	ug/l	97
23) Vinyl Acetate	3.83	43	489955	110.23	ug/l	100
24) 1,1-Dichloroethane	3.70	63	63811	21.84	ug/l	98
25) 2-Butanone	4.73	43	136830	110.36	ug/l	100
26) 2,2-Dichloropropane	4.59	77	39124	16.45	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	35448	19.04	ug/l	96
28) Bromochloromethane	5.03	49	31342	23.86	ug/l	97
29) Tetrahydrofuran	5.19	42	86581	113.54	ug/l	99
30) Chloroform	5.23	83	61834	20.02	ug/l	98
31) Cyclohexane	5.58	56	46281	17.54	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	52640	19.50	ug/l	99
36) 1,1-Dichloropropene	5.81	75	41361	17.46	ug/l	98
37) Ethyl Acetate	4.88	43	51298	21.45	ug/l	99
38) Carbon Tetrachloride	5.79	117	46097	18.58	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	48105	17.17	ug/l	99
40) Benzene	6.15	78	129144	18.95	ug/l	100
41) Methacrylonitrile	5.07	41	28134	20.20	ug/l	99
42) 1,2-Dichloroethane	6.21	62	49641	18.82	ug/l	98
43) Isopropyl Acetate	6.48	43	76495	19.76	ug/l	99
44) Trichloroethene	7.22	130	41222	19.76	ug/l	95
45) 1,2-Dichloropropane	7.52	63	33794	19.31	ug/l	95
46) Dibromomethane	7.67	93	23885	19.47	ug/l	99
47) Bromodichloromethane	7.91	83	41646	18.99	ug/l	99
48) Methyl methacrylate	7.79	41	40285	19.57	ug/l	97
49) 1,4-Dioxane	7.77	88	18770	483.22	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	270136	108.22	ug/l	99
52) Toluene	8.79	92	85654	19.23	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	46291	17.75	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	41920	17.47	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	36009	20.01	ug/l	99
56) Ethyl methacrylate	9.19	69	48796	19.57	ug/l	98
57) 1,3-Dichloropropane	9.38	76	57468	19.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	129329	107.53	ug/l	100
59) 2-Hexanone	9.51	43	207386	106.29	ug/l	100
60) Dibromochloromethane	9.59	129	35743	19.05	ug/l	98
61) 1,2-Dibromoethane	9.68	107	37949	19.90	ug/l	100
64) Tetrachloroethene	9.34	164	53278	22.97	ug/l	96
65) Chlorobenzene	10.15	112	99735	18.73	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	36059	19.51	ug/l	99
67) Ethyl Benzene	10.26	91	158009	18.00	ug/l	100
68) m/p-Xylenes	10.37	106	126564	36.65	ug/l	99
69) o-Xylene	10.71	106	62425	18.64	ug/l	96
70) Styrene	10.72	104	101235	18.48	ug/l	99
71) Bromoform	10.86	173	27899	18.32	ug/l #	99
73) Isopropylbenzene	11.02	105	166715	19.52	ug/l	99
74) N-amyl acetate	6.48	43	76495	20.88	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	50734	19.83	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	49761m	21.08	ug/l	
77) Bromobenzene	11.26	156	49098	19.93	ug/l	98
78) n-propylbenzene	11.37	91	181549	19.13	ug/l	99
79) 2-Chlorotoluene	11.43	91	110427	19.29	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	140098	19.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	10696	17.77	ug/l	90
82) 4-Chlorotoluene	11.52	91	130625	18.97	ug/l	100
83) tert-Butylbenzene	11.77	119	132274	18.50	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	144749	19.70	ug/l	100
85) sec-Butylbenzene	11.95	105	165573	19.35	ug/l	99
86) p-Isopropyltoluene	12.07	119	151874	19.35	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	85870	18.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	86726	18.29	ug/l	99
89) n-Butylbenzene	12.40	91	122903	17.94	ug/l	98
90) Hexachloroethane	12.60	117	20275	17.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	89134	19.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	11234	21.73	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	63611	17.28	ug/l	99
94) Hexachlorobutadiene	13.79	225	35087	18.21	ug/l	99
95) Naphthalene	13.84	128	187044	20.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	68897	19.06	ug/l	99

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

