

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001278.D
 Acq On : 01 May 2018 14:59
 Operator : JC/MD
 Sample : VX0501WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:55 PM

Quant Time: May 02 04:58:09 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	206851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	269026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171705	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	131003	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
35) Dibromofluoromethane	5.51	113	110237	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	8.72	98	413237	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.14	95	156871	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48951	21.39	ug/l	97
3) Chloromethane	1.32	50	46795	20.83	ug/l	99
4) Vinyl Chloride	1.40	62	47636	20.14	ug/l	100
5) Bromomethane	1.64	94	36448	19.70	ug/l	98
6) Chloroethane	1.73	64	28448	19.03	ug/l	99
7) Trichlorofluoromethane	1.93	101	77926	19.52	ug/l	96
8) Diethyl Ether	2.19	74	26126	19.07	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44807	19.47	ug/l	99
10) Methyl Iodide	2.51	142	41966	19.61	ug/l	99
11) Tert butyl alcohol	3.06	59	48429	98.31	ug/l	99
12) 1,1-Dichloroethene	2.38	96	39556	19.06	ug/l	99
13) Acrolein	2.29	56	26978	95.11	ug/l	100
14) Allyl chloride	2.73	41	69209	19.06	ug/l	98
15) Acrylonitrile	3.15	53	106347	93.14	ug/l	98
16) Acetone	2.45	43	116273	95.13	ug/l	99
17) Carbon Disulfide	2.57	76	98950	18.30	ug/l	98
18) Methyl Acetate	2.78	43	55524	19.23	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	137308	19.43	ug/l	100
20) Methylene Chloride	2.86	84	44632	19.26	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42199	18.69	ug/l	94
22) Diisopropyl ether	3.87	45	136066	19.46	ug/l	97
23) Vinyl Acetate	3.82	43	589530	99.50	ug/l	98
24) 1,1-Dichloroethane	3.70	63	76956	19.76	ug/l	99
25) 2-Butanone	4.71	43	158706	96.03	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60239	19.01	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	46966	18.92	ug/l	100
28) Bromochloromethane	5.02	49	35725	20.41	ug/l	100
29) Tetrahydrofuran	5.17	42	97027	95.46	ug/l	99
30) Chloroform	5.22	83	78068	18.96	ug/l	99
31) Cyclohexane	5.57	56	67202	19.11	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	68280	18.98	ug/l	99
36) 1,1-Dichloropropene	5.80	75	58427	18.82	ug/l	98
37) Ethyl Acetate	4.86	43	59694	19.04	ug/l	100
38) Carbon Tetrachloride	5.79	117	59852	18.40	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71894	19.58	ug/l	98
40) Benzene	6.15	78	169717	19.00	ug/l	99
41) Methacrylonitrile	5.07	41	33651	18.43	ug/l	98
42) 1,2-Dichloroethane	6.21	62	65582	18.96	ug/l	99
43) Isopropyl Acetate	6.47	43	97083	19.13	ug/l	99
44) Trichloroethene	7.22	130	51512	18.84	ug/l	96
45) 1,2-Dichloropropane	7.52	63	44996	19.62	ug/l	96
46) Dibromomethane	7.67	93	30777	19.14	ug/l	98
47) Bromodichloromethane	7.90	83	55111	19.17	ug/l	99
48) Methyl methacrylate	7.78	41	50491	18.71	ug/l	99
49) 1,4-Dioxane	7.76	88	20829	409.05	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	316416	96.69	ug/l	100
52) Toluene	8.79	92	112605	19.29	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	64374	18.83	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	59339	18.87	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	45121	19.13	ug/l	97
56) Ethyl methacrylate	9.19	69	63223	19.35	ug/l	99
57) 1,3-Dichloropropane	9.38	76	74895	19.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	160792	101.98	ug/l	99
59) 2-Hexanone	9.50	43	245428	95.96	ug/l	100
60) Dibromochloromethane	9.59	129	46079	18.73	ug/l	100
61) 1,2-Dibromoethane	9.68	107	47697	19.08	ug/l	100
64) Tetrachloroethene	9.34	164	60944	20.32	ug/l	99
65) Chlorobenzene	10.14	112	132133	19.19	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	46123	19.29	ug/l	97
67) Ethyl Benzene	10.26	91	219977	19.39	ug/l	99
68) m/p-Xylenes	10.37	106	172640	38.66	ug/l	98
69) o-Xylene	10.70	106	83532	19.29	ug/l	100
70) Styrene	10.71	104	136935	19.33	ug/l	99
71) Bromoform	10.86	173	36426	18.46	ug/l #	100
73) Isopropylbenzene	11.02	105	229091	19.94	ug/l	100
74) N-amyl acetate	6.47	43	97083	19.70	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66081	19.20	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	62807m	19.78	ug/l	
77) Bromobenzene	11.26	156	65083	19.64	ug/l	99
78) n-propylbenzene	11.37	91	258851	20.28	ug/l	99
79) 2-Chlorotoluene	11.43	91	152896	19.85	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	192827	19.99	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	15127	18.46	ug/l	92
82) 4-Chlorotoluene	11.51	91	180563	19.49	ug/l	100
83) tert-Butylbenzene	11.77	119	190298	19.78	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	200583	20.29	ug/l	100
85) sec-Butylbenzene	11.95	105	236662	20.56	ug/l	99
86) p-Isopropyltoluene	12.07	119	214864	20.35	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	119843	19.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	119967	18.81	ug/l	98
89) n-Butylbenzene	12.39	91	184605	20.03	ug/l	99
90) Hexachloroethane	12.60	117	29920	19.57	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	119073	19.34	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13745	19.76	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	92633	18.70	ug/l	99
94) Hexachlorobutadiene	13.79	225	49333	19.04	ug/l	99
95) Naphthalene	13.84	128	243674	19.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92428	19.01	ug/l	99

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

