

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001526.D
 Acq On : 08 May 2018 20:41
 Operator : JC/MD
 Sample : VX0508WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2018 1:11:26 PM

Quant Time: May 09 07:35:47 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	209539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	282763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	186409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168597	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
35) Dibromofluoromethane	5.51	113	135392	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	8.72	98	468267	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.14	95	175121	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59726	21.17	ug/l	98
3) Chloromethane	1.32	50	62470	22.74	ug/l	98
4) Vinyl Chloride	1.40	62	64882	22.63	ug/l	100
5) Bromomethane	1.64	94	36437	26.12	ug/l	100
6) Chloroethane	1.72	64	45153	23.83	ug/l	98
7) Trichlorofluoromethane	1.93	101	97397	22.57	ug/l	100
8) Diethyl Ether	2.19	74	40123	23.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53481	21.14	ug/l	99
10) Methyl Iodide	2.51	142	67587	18.52	ug/l	100
11) Tert butyl alcohol	3.09	59	82117	129.32	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52872	22.80	ug/l	98
13) Acrolein	2.30	56	15135	114.59	ug/l	93
14) Allyl chloride	2.73	41	100090	23.15	ug/l	98
15) Acrylonitrile	3.15	53	176378	122.92	ug/l	99
16) Acetone	2.45	43	160075	117.05	ug/l	99
17) Carbon Disulfide	2.57	76	118698	20.12	ug/l	98
18) Methyl Acetate	2.78	43	94350	26.26	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	195270	24.19	ug/l	99
20) Methylene Chloride	2.86	84	62112	22.94	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	57139	22.08	ug/l	97
22) Diisopropyl ether	3.88	45	182351	22.58	ug/l	98
23) Vinyl Acetate	3.83	43	760304	112.95	ug/l	99
24) 1,1-Dichloroethane	3.70	63	109430	24.25	ug/l	99
25) 2-Butanone	4.72	43	236269	119.52	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60096	17.25	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62311	22.61	ug/l	96
28) Bromochloromethane	5.03	49	48166	24.62	ug/l	97
29) Tetrahydrofuran	5.18	42	151343	119.66	ug/l	100
30) Chloroform	5.22	83	110636	23.80	ug/l	99
31) Cyclohexane	5.58	56	77020	19.87	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	93485	23.01	ug/l	98
36) 1,1-Dichloropropene	5.81	75	72537	20.17	ug/l	98
37) Ethyl Acetate	4.87	43	90009	22.83	ug/l	99
38) Carbon Tetrachloride	5.79	117	81623	21.28	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76128	17.90	ug/l	96
40) Benzene	6.15	78	231130	22.00	ug/l	98
41) Methacrylonitrile	5.07	41	51743	22.94	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93894	23.25	ug/l	99
43) Isopropyl Acetate	6.48	43	136227	22.51	ug/l	100
44) Trichloroethene	7.22	130	69403	21.61	ug/l	100
45) 1,2-Dichloropropane	7.52	63	58224	22.23	ug/l	98
46) Dibromomethane	7.67	93	41836	22.56	ug/l	99
47) Bromodichloromethane	7.90	83	76214	22.21	ug/l	99
48) Methyl methacrylate	7.79	41	74208	22.52	ug/l	99
49) 1,4-Dioxane	7.76	88	33571	471.47	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	476464	118.46	ug/l	99
52) Toluene	8.79	92	148370	21.60	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	82314	21.23	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	73894	19.86	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	62483	22.58	ug/l	98
56) Ethyl methacrylate	9.19	69	85672	21.47	ug/l	98
57) 1,3-Dichloropropane	9.38	76	103331	22.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	226082	115.54	ug/l	99
59) 2-Hexanone	9.51	43	357788	116.17	ug/l	99
60) Dibromochloromethane	9.59	129	62033	21.89	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65357	22.49	ug/l	100
64) Tetrachloroethene	9.34	164	81062	21.93	ug/l	98
65) Chlorobenzene	10.15	112	169466	21.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	63646	22.87	ug/l	99
67) Ethyl Benzene	10.26	91	267443	20.98	ug/l	99
68) m/p-Xylenes	10.37	106	215195	42.72	ug/l	99
69) o-Xylene	10.70	106	106096	21.67	ug/l	99
70) Styrene	10.72	104	174554	21.95	ug/l	100
71) Bromoform	10.86	173	48968	20.56	ug/l #	100
73) Isopropylbenzene	11.02	105	281908	21.85	ug/l	99
74) N-amyl acetate	6.48	43	136227	23.24	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	88545	23.23	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	88779m	23.48	ug/l	
77) Bromobenzene	11.26	156	82032	21.86	ug/l	99
78) n-propylbenzene	11.37	91	303809	21.62	ug/l	99
79) 2-Chlorotoluene	11.43	91	189966	21.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	232648	21.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19211	19.10	ug/l	87
82) 4-Chlorotoluene	11.52	91	220236	22.08	ug/l	99
83) tert-Butylbenzene	11.77	119	225662	21.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	243614	22.06	ug/l	99
85) sec-Butylbenzene	11.95	105	273175	21.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	252782	21.47	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	142441	21.24	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143540	20.98	ug/l	97
89) n-Butylbenzene	12.40	91	192605	19.75	ug/l	99
90) Hexachloroethane	12.60	117	37172	20.97	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	148393	21.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20641	24.65	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103084	20.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	54472	19.94	ug/l	98
95) Naphthalene	13.84	128	313267	22.69	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110173	21.50	ug/l	99

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

