

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000814.D
 Acq On : 12 Apr 2018 20:22
 Operator : JC/MD
 Sample : J2236-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Manual Integrations
 APPROVED

apatel
 4/13/2018 2:58:06 PM

Quant Time: Apr 13 07:43:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	228066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	315973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202634	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	142375	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.51	113	121088	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.73	98	440154	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.15	95	179564	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	126789	49.25	ug/l	99
3) Chloromethane	1.32	50	103435	46.86	ug/l	100
4) Vinyl Chloride	1.40	62	126452	50.93	ug/l	94
5) Bromomethane	1.64	94	57105	55.73	ug/l	96
6) Chloroethane	1.73	64	74640	49.60	ug/l	99
7) Trichlorofluoromethane	1.93	101	184244	49.18	ug/l	100
8) Diethyl Ether	2.20	74	72272	51.65	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	108125	48.95	ug/l	99
10) Methyl Iodide	2.51	142	58785	36.80	ug/l	99
11) Tert butyl alcohol	3.08	59	170618	334.18	ug/l	99
12) 1,1-Dichloroethene	2.38	96	103883	49.63	ug/l	97
13) Acrolein	2.30	56	48276	194.71	ug/l	96
14) Allyl chloride	2.73	41	196523	50.77	ug/l	97
15) Acrylonitrile	3.16	53	335033	307.79	ug/l	99
16) Acetone	2.45	43	285401	287.80	ug/l	100
17) Carbon Disulfide	2.57	76	295131	46.56	ug/l	100
18) Methyl Acetate	2.79	43	160760	62.64	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	370458	53.13	ug/l	100
20) Methylene Chloride	2.86	84	115316	50.00	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	113298	49.08	ug/l	99
22) Diisopropyl ether	3.89	45	381769	53.67	ug/l	97
23) Vinyl Acetate	3.84	43	1724085	276.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	208984	52.36	ug/l	99
25) 2-Butanone	4.72	43	512483	312.95	ug/l	100
26) 2,2-Dichloropropane	4.59	77	180997	45.69	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	136071	51.94	ug/l	98
28) Bromochloromethane	5.03	49	82223	51.16	ug/l	99
29) Tetrahydrofuran	5.18	42	325277	312.83	ug/l	99
30) Chloroform	5.23	83	222710	52.70	ug/l	96
31) Cyclohexane	5.59	56	184182	48.59	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	205066	50.93	ug/l	99
36) 1,1-Dichloropropene	5.81	75	164110	47.16	ug/l	100
37) Ethyl Acetate	4.88	43	191213	56.29	ug/l	100
38) Carbon Tetrachloride	5.79	117	186387	47.85	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	190030	45.47	ug/l	100
40) Benzene	6.15	78	481596	49.81	ug/l	99
41) Methacrylonitrile	5.07	41	109986	56.04	ug/l	99
42) 1,2-Dichloroethane	6.21	62	181342	50.22	ug/l	100
43) Isopropyl Acetate	6.48	43	316654	54.37	ug/l	100
44) Trichloroethene	7.22	130	145893	48.52	ug/l	99
45) 1,2-Dichloropropane	7.52	63	125530	50.98	ug/l	96
46) Dibromomethane	7.67	93	87749	51.12	ug/l	99
47) Bromodichloromethane	7.91	83	173880	50.19	ug/l	99
48) Methyl methacrylate	7.79	41	163349	54.11	ug/l	99
49) 1,4-Dioxane	7.77	88	70218	1157.38	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1040047	304.00	ug/l	98
52) Toluene	8.79	92	318214	49.61	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	204730	49.27	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	199003	49.18	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	130804	51.37	ug/l	99
56) Ethyl methacrylate	9.19	69	209160	53.24	ug/l	98
57) 1,3-Dichloropropane	9.38	76	212694	52.53	ug/l	100
59) 2-Hexanone	9.51	43	813387	307.96	ug/l	99
60) Dibromochloromethane	9.59	129	152205	49.95	ug/l	99
61) 1,2-Dibromoethane	9.68	107	141362	52.33	ug/l	99
64) Tetrachloroethene	9.34	164	136816	46.90	ug/l	99
65) Chlorobenzene	10.15	112	373637	49.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	142842	50.57	ug/l	98
67) Ethyl Benzene	10.26	91	616158	49.24	ug/l	100
68) m/p-Xylenes	10.37	106	484952	98.19	ug/l	99
69) o-Xylene	10.71	106	237753	49.95	ug/l	100
70) Stvrene	10.72	104	399165	49.74	ug/l	99
71) Bromoform	10.87	173	133685	51.11	ug/l	100
73) Isopropylbenzene	11.02	105	632763	49.22	ug/l	100
74) N-amyl acetate	6.48	43	316654	54.70	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	203669	54.59	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	189472m	54.22	ug/l	
77) Bromobenzene	11.26	156	186164	49.42	ug/l	99
78) n-propylbenzene	11.37	91	709555	48.26	ug/l	100
79) 2-Chlorotoluene	11.43	91	423054	48.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	539937	48.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64469	50.75	ug/l	97
82) 4-Chlorotoluene	11.52	91	507184	48.35	ug/l	100
83) tert-Butylbenzene	11.78	119	562815	49.76	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	552484	48.41	ug/l	100
85) sec-Butylbenzene	11.95	105	646048	48.42	ug/l	100
86) p-Isopropyltoluene	12.07	119	596750	47.96	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	341249	48.94	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	346368	48.47	ug/l	99
89) n-Butylbenzene	12.40	91	516848	47.06	ug/l	100
90) Hexachloroethane	12.60	117	99573	47.29	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	336832	50.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52647	56.32	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	276648	48.16	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	130726	46.28	ug/l	100
95) Naphthalene	13.84	128	800644	54.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	273603	49.04	ug/l	100

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

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