

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001732.D
 Acq On : 15 May 2018 01:50
 Operator : JC/MD
 Sample : J2856-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MS

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:11 AM

Quant Time: May 15 06:50:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	412853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	250078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	215569	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	5.51	113	184366	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
50) Toluene-d8	8.72	98	689071	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
62) 4-Bromofluorobenzene	11.14	95	237294	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	145448	46.84	ug/l	97
3) Chloromethane	1.32	50	154330	46.01	ug/l	99
4) Vinyl Chloride	1.40	62	177599	48.97	ug/l	99
5) Bromomethane	1.64	94	70656	46.04	ug/l	99
6) Chloroethane	1.72	64	118725	51.97	ug/l	98
7) Trichlorofluoromethane	1.93	101	258041	48.96	ug/l	98
8) Diethyl Ether	2.19	74	109697	50.57	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	143851	45.34	ug/l	99
10) Methyl Iodide	2.51	142	71927	24.64	ug/l	98
11) Tert butyl alcohol	3.08	59	178275	242.09	ug/l	100
12) 1,1-Dichloroethene	2.37	96	146989	48.06	ug/l	95
13) Acrolein	2.30	56	125792	240.85	ug/l	100
14) Allyl chloride	2.73	41	279524	49.44	ug/l	99
15) Acrylonitrile	3.15	53	459993	248.70	ug/l	99
16) Acetone	2.45	43	395077	242.51	ug/l	100
17) Carbon Disulfide	2.57	76	390547	48.95	ug/l	98
18) Methyl Acetate	2.78	43	227172	47.70	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	513453	49.81	ug/l	100
20) Methylene Chloride	2.86	84	169465	48.60	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	164659	48.87	ug/l	100
22) Diisopropyl ether	3.88	45	537698	49.58	ug/l	99
23) Vinyl Acetate	3.83	43	1690082	216.29	ug/l	100
24) 1,1-Dichloroethane	3.70	63	293638	49.37	ug/l	99
25) 2-Butanone	4.71	43	624739	250.47	ug/l	97
26) 2,2-Dichloropropane	4.59	77	188967	39.46	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	188554	49.18	ug/l	97
28) Bromochloromethane	5.03	49	145792	55.18	ug/l	99
29) Tetrahydrofuran	5.17	42	409383	251.80	ug/l	99
30) Chloroform	5.22	83	314178	50.29	ug/l	99
31) Cyclohexane	5.58	56	256520	49.20	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	274938	50.93	ug/l	99
36) 1,1-Dichloropropene	5.81	75	228425	48.06	ug/l	99
37) Ethyl Acetate	4.87	43	228782	46.19	ug/l	99
38) Carbon Tetrachloride	5.79	117	247889	49.79	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	259105	46.66	ug/l	99
40) Benzene	6.15	78	694576	49.60	ug/l	100
41) Methacrylonitrile	5.07	41	141406	49.37	ug/l	99
42) 1,2-Dichloroethane	6.20	62	250224	49.41	ug/l	99
43) Isopropyl Acetate	6.48	43	374133	48.26	ug/l	100
44) Trichloroethene	7.22	130	211058	48.56	ug/l	97
45) 1,2-Dichloropropane	7.52	63	173674	50.55	ug/l	99
46) Dibromomethane	7.67	93	119110	49.37	ug/l	99
47) Bromodichloromethane	7.90	83	230741	51.54	ug/l	97
48) Methyl methacrylate	7.79	41	209665	51.38	ug/l	100
49) 1,4-Dioxane	7.76	88	83426	1061.90	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1282619	261.09	ug/l	100
52) Toluene	8.79	92	462397	51.39	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	262850	49.90	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	242796	52.29	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	172096	50.04	ug/l	99
56) Ethyl methacrylate	9.19	69	251805	51.63	ug/l	100
57) 1,3-Dichloropropane	9.38	76	284602	49.43	ug/l	100
59) 2-Hexanone	9.51	43	911709	259.25	ug/l	100
60) Dibromochloromethane	9.59	129	185801	52.75	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180742	50.20	ug/l	99
64) Tetrachloroethene	9.34	164	221596	45.38	ug/l	97
65) Chlorobenzene	10.15	112	492357	47.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	181059	49.68	ug/l	98
67) Ethyl Benzene	10.26	91	810206	49.13	ug/l	100
68) m/p-Xylenes	10.37	106	647603	99.54	ug/l	100
69) o-Xylene	10.70	106	313144	50.26	ug/l	100
70) Styrene	10.72	104	518069	50.41	ug/l	100
71) Bromoform	10.87	173	154448	45.80	ug/l	100
73) Isopropylbenzene	11.02	105	829759	50.38	ug/l	100
74) N-amyl acetate	6.48	43	374133	47.39	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	242690	49.12	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	233083m	49.01	ug/l	
77) Bromobenzene	11.26	156	237288	49.03	ug/l	100
78) n-propylbenzene	11.37	91	924020	49.80	ug/l	100
79) 2-Chlorotoluene	11.43	91	549411	49.51	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	687785	50.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	64570	41.09	ug/l	98
82) 4-Chlorotoluene	11.52	91	639400	48.91	ug/l	100
83) tert-Butylbenzene	11.77	119	698920	51.98	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	717497	51.28	ug/l	99
85) sec-Butylbenzene	11.95	105	832125	50.14	ug/l	100
86) p-Isopropyltoluene	12.07	119	767738	49.99	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	433690	48.46	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	435370	47.05	ug/l	100
89) n-Butylbenzene	12.40	91	641270	48.28	ug/l	100
90) Hexachloroethane	12.60	117	121475	50.93	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	429910	48.21	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54784	51.96	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	343778	48.37	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	170732	44.74	ug/l	99
95) Naphthalene	13.84	128	953403	51.60	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	344813	48.18	ug/l	100

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

