

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001899.D
 Acq On : 22 May 2018 17:50
 Operator : JC/MD
 Sample : J2988-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Manual Integrations
 APPROVED

MMDadoda
 5/24/2018 11:47:45 AM

Quant Time: May 23 08:25:34 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	249094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184113	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170733	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	5.51	113	144117	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	8.72	98	516851	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.14	95	172878	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	110579	44.24	ug/l	100
3) Chloromethane	1.32	50	131094	48.55	ug/l	100
4) Vinyl Chloride	1.40	62	136004	46.59	ug/l	99
5) Bromomethane	1.64	94	58341	47.31	ug/l	94
6) Chloroethane	1.72	64	94761	51.53	ug/l	99
7) Trichlorofluoromethane	1.92	101	207055	48.81	ug/l	100
8) Diethyl Ether	2.19	74	88250	50.54	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123738	48.45	ug/l	99
10) Methyl Iodide	2.51	142	167190	71.16	ug/l	98
11) Tert butyl alcohol	3.09	59	189604	319.86	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113910	46.27	ug/l	98
13) Acrolein	2.30	56	70273	167.15	ug/l	99
14) Allyl chloride	2.73	41	241866	53.15	ug/l	98
15) Acrylonitrile	3.15	53	427021	286.81	ug/l	99
16) Acetone	2.45	43	379650	289.50	ug/l	98
17) Carbon Disulfide	2.57	76	250604	39.02	ug/l	98
18) Methyl Acetate	2.78	43	239470	62.46	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	436927	52.65	ug/l	100
20) Methylene Chloride	2.86	84	138510	49.34	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	125126	46.13	ug/l	98
22) Diisopropyl ether	3.88	45	464209	53.17	ug/l	99
23) Vinyl Acetate	3.83	43	1552860	246.88	ug/l	98
24) 1,1-Dichloroethane	3.70	63	248591	51.92	ug/l	100
25) 2-Butanone	4.72	43	637497	317.52	ug/l	100
26) 2,2-Dichloropropane	4.59	77	190781	49.50	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	162764	52.74	ug/l	97
28) Bromochloromethane	5.03	49	136561	64.21	ug/l	96
29) Tetrahydrofuran	5.18	42	411042	314.08	ug/l	98
30) Chloroform	5.22	83	271475	53.98	ug/l	100
31) Cyclohexane	5.57	56	205446	48.95	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	232561	53.51	ug/l	99
36) 1,1-Dichloropropene	5.80	75	184554	49.30	ug/l	99
37) Ethyl Acetate	4.87	43	231591	59.36	ug/l	99
38) Carbon Tetrachloride	5.79	117	209862	53.51	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	214175	48.96	ug/l	97
40) Benzene	6.15	78	582939	52.85	ug/l	100
41) Methacrylonitrile	5.07	41	136724	60.60	ug/l	97
42) 1,2-Dichloroethane	6.21	62	218391	54.75	ug/l	99
43) Isopropyl Acetate	6.48	43	351619	57.58	ug/l	99
44) Trichloroethene	7.22	130	183996	53.74	ug/l	98
45) 1,2-Dichloropropane	7.52	63	148724	54.95	ug/l	96
46) Dibromomethane	7.67	93	102594	53.98	ug/l	99
47) Bromodichloromethane	7.91	83	202594	57.45	ug/l	97
48) Methyl methacrylate	7.79	41	193867	60.32	ug/l	98
49) 1,4-Dioxane	7.77	88	85914	1388.29	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1245188	321.78	ug/l	98
52) Toluene	8.79	92	378571	53.41	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	223658	53.90	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	188262	51.47	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147205	54.33	ug/l	98
56) Ethyl methacrylate	9.19	69	213670	55.62	ug/l	98
57) 1,3-Dichloropropane	9.38	76	238848	52.66	ug/l	100
59) 2-Hexanone	9.51	43	877154	316.65	ug/l	99
60) Dibromochloromethane	9.59	129	158197	57.02	ug/l	99
61) 1,2-Dibromoethane	9.68	107	151370	53.37	ug/l	99
64) Tetrachloroethene	9.34	164	236440	64.80	ug/l	99
65) Chlorobenzene	10.15	112	395087	51.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	154335	56.67	ug/l	98
67) Ethyl Benzene	10.26	91	648252	52.61	ug/l	99
68) m/p-Xylenes	10.37	106	519947	106.95	ug/l	100
69) o-Xylene	10.71	106	253603	54.47	ug/l	100
70) Styrene	10.72	104	407581	53.08	ug/l	100
71) Bromoform	10.87	173	131691	51.85	ug/l	100
73) Isopropylbenzene	11.02	105	680603	56.13	ug/l	100
74) N-amyl acetate	6.48	43	351619	60.49	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	212541	58.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	209357m	59.80	ug/l	
77) Bromobenzene	11.26	156	194488	54.59	ug/l	99
78) n-propylbenzene	11.37	91	744922	54.53	ug/l	99
79) 2-Chlorotoluene	11.43	91	450069	55.09	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	560777	56.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59312	50.45	ug/l	98
82) 4-Chlorotoluene	11.52	91	516595	53.68	ug/l	99
83) tert-Butylbenzene	11.77	119	575406	58.13	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	583624	56.66	ug/l	100
85) sec-Butylbenzene	11.95	105	678879	55.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	620153	54.85	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	343811	52.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	344097	50.51	ug/l	100
89) n-Butylbenzene	12.40	91	491748	50.29	ug/l	100
90) Hexachloroethane	12.60	117	102102	58.14	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	355521	54.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49719	64.05	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	259081	49.51	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	139629	49.70	ug/l	99
95) Naphthalene	13.84	128	783933	57.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	276412	52.46	ug/l	100

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

