

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002035.D
 Acq On : 26 May 2018 22:33
 Operator : JC/MD
 Sample : J3118-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-180522MS

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:50:10 PM

Quant Time: May 29 05:18:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	182557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176437	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.51	113	135260	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
50) Toluene-d8	8.72	98	486585	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
62) 4-Bromofluorobenzene	11.14	95	190815	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109849	44.23	ug/l	99
3) Chloromethane	1.32	50	149054	49.08	ug/l	99
4) Vinyl Chloride	1.41	62	144667	49.33	ug/l	100
5) Bromomethane	1.64	94	76635	56.90	ug/l	100
6) Chloroethane	1.71	64	95148	55.04	ug/l	98
7) Trichlorofluoromethane	1.93	101	225405	51.18	ug/l	99
8) Diethyl Ether	2.19	74	95863	59.99	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122203	49.73	ug/l	99
10) Methyl Iodide	2.51	142	160140	48.16	ug/l	100
11) Tert butyl alcohol	3.09	59	256672	370.57	ug/l	98
12) 1,1-Dichloroethene	2.37	96	119853	52.09	ug/l	98
13) Acrolein	2.30	56	61678	205.96	ug/l	95
14) Allyl chloride	2.73	41	267565	55.40	ug/l	99
15) Acrylonitrile	3.15	53	478523	335.97	ug/l	100
16) Acetone	2.45	43	467979	343.65	ug/l	100
17) Carbon Disulfide	2.57	76	302475	45.68	ug/l	100
18) Methyl Acetate	2.78	43	278115	85.59	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	552684	63.87	ug/l	99
20) Methylene Chloride	2.86	84	146068	62.36	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	127969	57.36	ug/l	99
22) Diisopropyl ether	3.88	45	513928	52.31	ug/l	100
23) Vinyl Acetate	3.83	43	1897959	233.01	ug/l	98
24) 1,1-Dichloroethane	3.70	63	255439	54.74	ug/l	99
25) 2-Butanone	4.71	43	726464	291.06	ug/l	100
26) 2,2-Dichloropropane	4.59	77	163583	34.63	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	170976	56.99	ug/l	93
28) Bromochloromethane	5.03	49	114783	58.90	ug/l	99
29) Tetrahydrofuran	5.17	42	471170	290.15	ug/l	100
30) Chloroform	5.22	83	265782	50.55	ug/l	100
31) Cyclohexane	5.58	56	208792	42.94	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	229690	46.86	ug/l	100
36) 1,1-Dichloropropene	5.81	75	173883	42.29	ug/l	98
37) Ethyl Acetate	4.87	43	264286	49.31	ug/l	100
38) Carbon Tetrachloride	5.79	117	201051	41.93	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199262	39.45	ug/l	99
40) Benzene	6.15	78	571097	47.41	ug/l	99
41) Methacrylonitrile	5.07	41	156257	55.39	ug/l	98
42) 1,2-Dichloroethane	6.20	62	232086	48.24	ug/l	100
43) Isopropyl Acetate	6.47	43	448670	50.24	ug/l	99
44) Trichloroethene	7.22	130	174013	49.58	ug/l	98
45) 1,2-Dichloropropane	7.52	63	160485	49.06	ug/l	99
46) Dibromomethane	7.67	93	106786	49.31	ug/l	99
47) Bromodichloromethane	7.90	83	212789	46.08	ug/l	100
48) Methyl methacrylate	7.78	41	233593	51.39	ug/l	99
49) 1,4-Dioxane	7.76	88	99209	1238.53	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1473383	273.67	ug/l	100
52) Toluene	8.79	92	355683	46.40	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	238393	44.82	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	229007	44.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	157045	49.04	ug/l	100
56) Ethyl methacrylate	9.19	69	262520	47.66	ug/l	100
57) 1,3-Dichloropropane	9.38	76	260984	49.47	ug/l	99
59) 2-Hexanone	9.50	43	1158280	279.01	ug/l	99
60) Dibromochloromethane	9.59	129	177893	46.90	ug/l	100
61) 1,2-Dibromoethane	9.68	107	166565	49.57	ug/l	99
64) Tetrachloroethene	9.34	164	185127	46.50	ug/l	99
65) Chlorobenzene	10.15	112	408215	46.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166186	46.78	ug/l	99
67) Ethyl Benzene	10.26	91	689683	45.12	ug/l	100
68) m/p-Xylenes	10.37	106	530150	90.73	ug/l	99
69) o-Xylene	10.70	106	272090	46.64	ug/l	100
70) Styrene	10.72	104	453457	46.86	ug/l	100
71) Bromoform	10.86	173	152322	45.22	ug/l #	99
73) Isopropylbenzene	11.02	105	695955	45.02	ug/l	100
74) N-amyl acetate	6.47	43	448670	56.35	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	243165	57.71	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	257068m	58.63	ug/l	
77) Bromobenzene	11.26	156	196694	47.96	ug/l	97
78) n-propylbenzene	11.37	91	764620	44.16	ug/l	99
79) 2-Chlorotoluene	11.43	91	484499	51.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	591546	44.78	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	76424	41.89	ug/l	94
82) 4-Chlorotoluene	11.52	91	552514	45.24	ug/l	100
83) tert-Butylbenzene	11.77	119	573543	44.24	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	615656	45.09	ug/l	100
85) sec-Butylbenzene	11.95	105	673957	43.25	ug/l	100
86) p-Isopropyltoluene	12.07	119	600944	43.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	337357	45.93	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	334176	45.51	ug/l	100
89) n-Butylbenzene	12.39	91	482070	40.80	ug/l	100
90) Hexachloroethane	12.60	117	112458	40.88	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	360314	48.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	68553	49.88	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	236082	44.11	ug/l	100

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QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	103070	35.80	ug/l	98
95) Naphthalene	13.84	128	823961	49.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	255979	46.23	ug/l	99

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

