

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072418\
 Data File : VX003645.D
 Acq On : 24 Jul 2018 17:35
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 11:54:16 AM

Quant Time: Jul 25 04:15:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 03:58:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	166891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	85947	57.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.66%	
35) Dibromofluoromethane	5.51	113	70660	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	8.72	98	271901	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	11.14	95	99454	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61169	53.573	ug/l	100
3) Chloromethane	1.32	50	83146	58.108	ug/l	100
4) Vinyl Chloride	1.40	62	88832	57.107	ug/l	100
5) Bromomethane	1.64	94	42907	47.787	ug/l	100
6) Chloroethane	1.71	64	56213	59.794	ug/l	100
7) Trichlorofluoromethane	1.92	101	113621	54.479	ug/l	100
8) Diethyl Ether	2.19	74	49840	55.686	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69365	51.343	ug/l	100
10) Methyl Iodide	2.51	142	91205	55.573	ug/l	100
11) Tert butyl alcohol	3.09	59	103146	337.051	ug/l	100
12) 1,1-Dichloroethene	2.37	96	65680	52.706	ug/l	100
13) Acrolein	2.29	56	55477	380.908	ug/l	100
14) Allyl chloride	2.72	41	141015	61.765	ug/l	100
15) Acrylonitrile	3.15	53	244801	321.142	ug/l	100
16) Acetone	2.45	43	196781	338.697	ug/l	100
17) Carbon Disulfide	2.57	76	189060	50.965	ug/l	100
18) Methyl Acetate	2.78	43	119617	65.977	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	238819	57.762	ug/l	100
20) Methylene Chloride	2.85	84	79399	51.365	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	72163	52.010	ug/l	100
22) Diisopropyl ether	3.88	45	258645	60.491	ug/l	100
23) Vinyl Acetate	3.83	43	1117688	314.441	ug/l	100
24) 1,1-Dichloroethane	3.70	63	140216	56.772	ug/l	100
25) 2-Butanone	4.71	43	311401	324.391	ug/l	100
26) 2,2-Dichloropropane	4.59	77	92354	50.597	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	78989	51.485	ug/l	100
28) Bromochloromethane	5.02	49	55324	52.302	ug/l	100
29) Tetrahydrofuran	5.17	42	211488	331.563	ug/l	100
30) Chloroform	5.22	83	129543	54.269	ug/l	100
31) Cyclohexane	5.57	56	118429	54.270	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	111036	54.322	ug/l	100
36) 1,1-Dichloropropene	5.80	75	98430	51.523	ug/l	100
37) Ethyl Acetate	4.87	43	117884	62.397	ug/l	100
38) Carbon Tetrachloride	5.79	117	95843	51.435	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	115460	51.037	ug/l	100
40) Benzene	6.15	78	300641	51.907	ug/l	100
41) Methacrylonitrile	5.07	41	65837	59.543	ug/l	100
42) 1,2-Dichloroethane	6.20	62	104593	56.250	ug/l	100
43) Isopropyl Acetate	6.48	43	182321	61.060	ug/l	100
44) Trichloroethene	7.22	130	78825	46.581	ug/l	100
45) 1,2-Dichloropropane	7.52	63	78631	53.295	ug/l	100
46) Dibromomethane	7.66	93	49761	52.574	ug/l	100
47) Bromodichloromethane	7.90	83	95170	54.706	ug/l	100
48) Methyl methacrylate	7.78	41	93517	62.017	ug/l	100
49) 1,4-Dioxane	7.76	88	42233	1242.408	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	611410	321.216	ug/l	100
52) Toluene	8.79	92	187271	51.628	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	117533	55.062	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	107507	55.854	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	77246	53.220	ug/l	100
56) Ethyl methacrylate	9.18	69	120786	58.430	ug/l	100
57) 1,3-Dichloropropane	9.38	76	128378	54.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	303797	298.930	ug/l	100
59) 2-Hexanone	9.50	43	477870	336.043	ug/l	100
60) Dibromochloromethane	9.59	129	76191	53.412	ug/l	100
61) 1,2-Dibromoethane	9.68	107	80237	53.365	ug/l	100
64) Tetrachloroethene	9.34	164	74663	38.249	ug/l	100
65) Chlorobenzene	10.14	112	206413	48.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	73594	49.783	ug/l	100
67) Ethyl Benzene	10.26	91	359149	51.528	ug/l	100
68) m/p-Xylenes	10.36	106	279907	102.798	ug/l	100
69) o-Xylene	10.70	106	134534	51.178	ug/l	100
70) Styrene	10.71	104	230420	53.129	ug/l	100
71) Bromoform	10.86	173	60138	52.274	ug/l #	100
73) Isopropylbenzene	11.02	105	360725	50.720	ug/l	100
74) N-amyl acetate	6.48	43	182321	58.148	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	124953	57.882	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	106254m	56.065	ug/l	
77) Bromobenzene	11.26	156	94476	46.639	ug/l	100
78) n-propylbenzene	11.37	91	421804	52.952	ug/l	100
79) 2-Chlorotoluene	11.43	91	247141	51.146	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	309351	52.608	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	36978	61.861	ug/l	100
82) 4-Chlorotoluene	11.51	91	292299	51.534	ug/l	100
83) tert-Butylbenzene	11.77	119	297959	51.819	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	319742	53.392	ug/l	100
85) sec-Butylbenzene	11.95	105	360185	51.648	ug/l	100
86) p-Isopropyltoluene	12.07	119	325027	52.000	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	175231	46.837	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	178736	46.298	ug/l	100
89) n-Butylbenzene	12.39	91	285068	53.287	ug/l	100
90) Hexachloroethane	12.60	117	46678	52.040	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	177591	48.103	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	27292	63.861	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129075	47.786	ug/l	100
94) Hexachlorobutadiene	13.79	225	57798	44.961	ug/l	100
95) Naphthalene	13.84	128	414416	56.983	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133630	49.692	ug/l	100

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

