

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102218\
 Data File : VX005509.D
 Acq On : 23 Oct 2018 09:26
 Operator : JC/MD
 Sample : J5603-19MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GT104MS

Manual Integrations
 APPROVED

MMDadoda
 10/23/2018 1:28:14 PM

Quant Time: Oct 23 12:19:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125265	55.69	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.38%	
35) Dibromofluoromethane	5.51	113	103866	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
50) Toluene-d8	8.71	98	347149	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	11.14	95	132472	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	65778	41.508	ug/l	100
3) Chloromethane	1.32	50	108750	47.360	ug/l	99
4) Vinyl Chloride	1.41	62	112622	48.416	ug/l	95
5) Bromomethane	1.64	94	53062	40.502	ug/l	99
6) Chloroethane	1.71	64	69361	50.535	ug/l #	87
7) Trichlorofluoromethane	1.92	101	152099	48.998	ug/l #	81
8) Diethyl Ether	2.19	74	64740	48.839	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79048	44.120	ug/l	97
10) Methyl Iodide	2.51	142	84243	43.237	ug/l	97
11) Tert butyl alcohol	3.07	59	157076	247.544	ug/l	100
12) 1,1-Dichloroethene	2.37	96	87074	49.051	ug/l	82
13) Acrolein	2.29	56	86462	213.215	ug/l	96
14) Allyl chloride	2.73	41	188433	48.349	ug/l	96
15) Acrylonitrile	3.15	53	375853	261.388	ug/l	99
16) Acetone	2.45	43	334713	257.351	ug/l	96
17) Carbon Disulfide	2.57	76	216461	40.253	ug/l #	95
18) Methyl Acetate	2.78	43	206660	55.851	ug/l #	90
19) Methyl tert-butyl Ether	3.20	73	335732	53.700	ug/l	97
20) Methylene Chloride	2.85	84	103733	54.865	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	90327	45.915	ug/l	86
22) Diisopropyl ether	3.87	45	359112	54.858	ug/l	98
23) Vinyl Acetate	3.82	43	1378384	240.910	ug/l	95
24) 1,1-Dichloroethane	3.70	63	198211	52.832	ug/l	97
25) 2-Butanone	4.70	43	512287	269.207	ug/l #	89
26) 2,2-Dichloropropane	4.58	77	90752	32.344	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	108390	50.697	ug/l	95
28) Bromochloromethane	5.03	49	101466	59.327	ug/l	89
29) Tetrahydrofuran	5.16	42	315435	259.866	ug/l	95
30) Chloroform	5.21	83	192127	55.173	ug/l	93
31) Cyclohexane	5.57	56	134511	43.501	ug/l #	84
32) 1,1,1-Trichloroethane	5.49	97	156533	51.661	ug/l	99
36) 1,1-Dichloropropene	5.81	75	129427	47.457	ug/l	99
37) Ethyl Acetate	4.86	43	171364	48.859	ug/l	97
38) Carbon Tetrachloride	5.78	117	134871	49.217	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	112351	38.064	ug/l	96
40) Benzene	6.14	78	402054	49.144	ug/l	96
41) Methacrylonitrile	5.06	41	101681	54.077	ug/l	95
42) 1,2-Dichloroethane	6.20	62	146685	50.778	ug/l	97
43) Isopropyl Acetate	6.46	43	262645	56.216	ug/l	95
44) Trichloroethene	7.21	130	100356	48.017	ug/l	94
45) 1,2-Dichloropropane	7.52	63	105362	52.502	ug/l	98
46) Dibromomethane	7.66	93	67460	50.931	ug/l	97
47) Bromodichloromethane	7.90	83	140253	57.246	ug/l #	85
48) Methyl methacrylate	7.77	41	135043	55.730	ug/l	93
49) 1,4-Dioxane	7.75	88	51670	924.495	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	922326	285.108	ug/l	94
52) Toluene	8.79	92	233905	52.259	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	136358	51.428	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	141195	49.147	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	101107	53.333	ug/l	96
56) Ethyl methacrylate	9.18	69	157937	57.148	ug/l	92
57) 1,3-Dichloropropane	9.37	76	170124	53.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	320	0.206	ug/l #	45
59) 2-Hexanone	9.50	43	728890	280.099	ug/l	92
60) Dibromochloromethane	9.59	129	109187	55.719	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105430	52.992	ug/l	99
64) Tetrachloroethene	9.34	164	95878	44.923	ug/l	98
65) Chlorobenzene	10.14	112	269889	47.860	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	102522	51.017	ug/l	98
67) Ethyl Benzene	10.25	91	456000	49.741	ug/l	96
68) m/p-Xylenes	10.36	106	350522	98.511	ug/l	93
69) o-Xylene	10.70	106	170770	49.763	ug/l	95
70) Styrene	10.71	104	291200	51.591	ug/l	96
71) Bromoform	10.86	173	91995	51.227	ug/l #	100
73) Isopropylbenzene	11.02	105	464694	51.408	ug/l	99
74) N-amyl acetate	10.90	43	211249	48.453	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	171693	50.351	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	149893m	50.820	ug/l	
77) Bromobenzene	11.26	156	126609	48.986	ug/l	98
78) n-propylbenzene	11.36	91	529098	50.865	ug/l	99
79) 2-Chlorotoluene	11.42	91	326317	51.223	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	397417	51.340	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	41959	43.225	ug/l	99
82) 4-Chlorotoluene	11.51	91	384429	50.906	ug/l	99
83) tert-Butylbenzene	11.77	119	400448	51.086	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	414248	52.002	ug/l	98
85) sec-Butylbenzene	11.94	105	469857	50.650	ug/l	98
86) p-Isopropyltoluene	12.07	119	418623	49.928	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	235154	48.690	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	237974	48.165	ug/l	99
89) n-Butylbenzene	12.39	91	364434	47.871	ug/l	97
90) Hexachloroethane	12.60	117	72905	50.453	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	240902	48.879	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41662	50.088	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	175024	48.404	ug/l	100
94) Hexachlorobutadiene	13.79	225	82375	43.134	ug/l	97
95) Naphthalene	13.83	128	568131	54.177	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	185917	50.251	ug/l	99

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

