

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100118\
 Data File : VX004906.D
 Acq On : 02 Oct 2018 07:58
 Operator : JC/MD
 Sample : J5161-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MS

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:55 PM

Quant Time: Oct 02 08:44:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166650	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	5.50	113	134085	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
50) Toluene-d8	8.72	98	501631	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.14	95	192427	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	157353	52.014	ug/l	100
3) Chloromethane	1.32	50	184417	50.246	ug/l	100
4) Vinyl Chloride	1.40	62	226637	65.837	ug/l	99
5) Bromomethane	1.64	94	78084	38.252	ug/l	99
6) Chloroethane	1.71	64	109602	58.834	ug/l	98
7) Trichlorofluoromethane	1.92	101	224927	52.779	ug/l	93
8) Diethyl Ether	2.19	74	96989	52.387	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	115535	47.593	ug/l	97
10) Methyl Iodide	2.51	142	57326	17.647	ug/l	99
11) Tert butyl alcohol	3.08	59	231739	261.491	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125280	52.111	ug/l	97
13) Acrolein	2.29	56	98507	156.226	ug/l	94
14) Allyl chloride	2.73	41	271676	51.792	ug/l	94
15) Acrylonitrile	3.15	53	524158	268.673	ug/l	99
16) Acetone	2.45	43	465459	251.543	ug/l	96
17) Carbon Disulfide	2.57	76	356382	49.333	ug/l	99
18) Methyl Acetate	2.78	43	263521	56.209	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	474720	57.246	ug/l	# 89
20) Methylene Chloride	2.85	84	150237	55.941	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	137116	52.101	ug/l	95
22) Diisopropyl ether	3.87	45	494463	55.979	ug/l	96
23) Vinyl Acetate	3.82	43	2124960	262.815	ug/l	96
24) 1,1-Dichloroethane	3.70	63	265089	50.311	ug/l	98
25) 2-Butanone	4.70	43	702677	257.620	ug/l	93
26) 2,2-Dichloropropane	4.58	77	113131	30.833	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	220585	75.029	ug/l	98
28) Bromochloromethane	5.02	49	124091	50.012	ug/l	89
29) Tetrahydrofuran	5.16	42	462203	272.641	ug/l	93
30) Chloroform	5.21	83	254765	51.160	ug/l	100
31) Cyclohexane	5.57	56	563928	139.837	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	215203	52.917	ug/l	98
36) 1,1-Dichloropropene	5.80	75	185302	45.123	ug/l	100
37) Ethyl Acetate	4.86	43	245947	45.119	ug/l	98
38) Carbon Tetrachloride	5.78	117	184547	42.751	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	427154	101.866	ug/l	95
40) Benzene	6.14	78	1123296	87.372	ug/l	99
41) Methacrylonitrile	5.06	41	142914	47.275	ug/l	96
42) 1,2-Dichloroethane	6.20	62	211247	46.480	ug/l	97
43) Isopropyl Acetate	6.46	43	388783	49.414	ug/l	96
44) Trichloroethene	7.21	130	151187	47.836	ug/l	94
45) 1,2-Dichloropropane	7.52	63	160033	50.759	ug/l	99
46) Dibromomethane	7.66	93	100560	50.751	ug/l	97
47) Bromodichloromethane	7.90	83	189847	51.175	ug/l	98
48) Methyl methacrylate	7.78	41	208472	58.377	ug/l	93
49) 1,4-Dioxane	7.75	88	88460	997.069	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1355721	273.664	ug/l	96
52) Toluene	8.79	92	531978	75.304	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	203003	48.424	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	218204	49.694	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	148420	47.963	ug/l	96
56) Ethyl methacrylate	9.18	69	247013	49.238	ug/l	92
57) 1,3-Dichloropropane	9.37	76	256106	49.727	ug/l	100
59) 2-Hexanone	9.50	43	1064154	257.775	ug/l	94
60) Dibromochloromethane	9.59	129	156390	50.535	ug/l	100
61) 1,2-Dibromoethane	9.68	107	156273	47.155	ug/l	100
64) Tetrachloroethene	9.34	164	137743	43.155	ug/l	98
65) Chlorobenzene	10.14	112	398119	47.874	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	146129	49.984	ug/l	99
67) Ethyl Benzene	10.26	91	1240035	93.924	ug/l	99
68) m/p-Xylenes	10.36	106	1187003	230.076	ug/l	95
69) o-Xylene	10.70	106	334447	70.578	ug/l	97
70) Styrene	10.71	104	441383	49.811	ug/l	94
71) Bromoform	10.86	173	127554	50.963	ug/l	99
73) Isopropylbenzene	11.02	105	826562	66.265	ug/l	99
74) N-amyl acetate	10.90	43	346232	50.483	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	254126	50.048	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	225977m	50.947	ug/l	
77) Bromobenzene	11.26	156	187242	51.681	ug/l	98
78) n-propylbenzene	11.36	91	955405	66.755	ug/l	99
79) 2-Chlorotoluene	11.42	91	519107	58.190	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	787561	68.963	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	60465	37.689	ug/l	99
82) 4-Chlorotoluene	11.51	91	580325	55.267	ug/l	97
83) tert-Butylbenzene	11.77	119	574581	55.948	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1114396	94.697	ug/l	98
85) sec-Butylbenzene	11.94	105	725265	57.979	ug/l	100
86) p-Isopropyltoluene	12.07	119	638699	56.356	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	338010	49.962	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	345936	49.534	ug/l	99
89) n-Butylbenzene	12.39	91	576616	56.021	ug/l	96
90) Hexachloroethane	12.60	117	104276	55.261	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	347404	49.137	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59762	53.604	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	261441	52.715	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	119880	46.614	ug/l	97
95) Naphthalene	13.83	128	970218	58.812	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	269330	52.570	ug/l	98

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

