

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101118\
 Data File : VX005277.D
 Acq On : 12 Oct 2018 01:48
 Operator : JC/MD
 Sample : J5317-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D3-20181004MS

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 2:34:12 PM

Quant Time: Oct 12 08:13:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166945	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	139541	41.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.24%	
35) Dibromofluoromethane	5.51	113	115939	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
50) Toluene-d8	8.72	98	354230	40.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.42%	
62) 4-Bromofluorobenzene	11.14	95	135644	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	167333	51.67	ug/l	99
3) Chloromethane	1.32	50	197658	50.30	ug/l	97
4) Vinyl Chloride	1.41	62	193250	52.44	ug/l	95
5) Bromomethane	1.64	94	72607	33.22	ug/l	93
6) Chloroethane	1.71	64	113015	56.58	ug/l	96
7) Trichlorofluoromethane	1.92	101	240523	52.72	ug/l	85
8) Diethyl Ether	2.19	74	94200	47.53	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	125003	48.10	ug/l	98
10) Methyl Iodide	2.51	142	120776	34.73	ug/l #	86
11) Tert butyl alcohol	3.09	59	250511	264.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	132948	51.65	ug/l	84
13) Acrolein	2.29	56	91064	134.90	ug/l	86
14) Allyl chloride	2.73	41	251282	44.75	ug/l	97
15) Acrylonitrile	3.15	53	532629	255.01	ug/l	99
16) Acetone	2.45	43	497867	251.32	ug/l	96
17) Carbon Disulfide	2.56	76	377044	48.75	ug/l	98
18) Methyl Acetate	2.78	43	164237	32.72	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	444497	50.07	ug/l	98
20) Methylene Chloride	2.86	84	154960	53.86	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	137632	48.85	ug/l	86
22) Diisopropyl ether	3.87	45	500352	52.91	ug/l #	84
23) Vinyl Acetate	3.83	43	1157624	133.73	ug/l	100
24) 1,1-Dichloroethane	3.70	63	276486	49.01	ug/l	100
25) 2-Butanone	4.71	43	752545	257.71	ug/l #	87
26) 2,2-Dichloropropane	4.59	77	41241	10.50	ug/l	85
27) cis-1,2-Dichloroethene	4.60	96	151163	48.03	ug/l	93
28) Bromochloromethane	5.01	49	106063	39.93	ug/l	99
29) Tetrahydrofuran	5.16	42	496116	273.35	ug/l	98
30) Chloroform	5.22	83	267444	50.17	ug/l	89
31) Cyclohexane	5.57	56	237569	55.03	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	224977	51.67	ug/l	94
36) 1,1-Dichloropropene	5.80	75	181361	50.16	ug/l	98
37) Ethyl Acetate	4.86	43	144683	30.14	ug/l	98
38) Carbon Tetrachloride	5.78	117	195134	51.34	ug/l #	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	180250	48.82	ug/l #	83
40) Benzene	6.14	78	563508	49.78	ug/l	95
41) Methacrylonitrile	5.06	41	135222	50.80	ug/l	94
42) 1,2-Dichloroethane	6.20	62	201135	50.26	ug/l	99
43) Isopropyl Acetate	6.46	43	234871	33.90	ug/l	96
44) Trichloroethene	7.21	130	150998	54.26	ug/l	99
45) 1,2-Dichloropropane	7.52	63	135329	48.75	ug/l	100
46) Dibromomethane	7.66	93	87929	50.40	ug/l	98
47) Bromodichloromethane	7.90	83	172297	52.75	ug/l	98
48) Methyl methacrylate	7.78	41	176557	56.15	ug/l	98
49) 1,4-Dioxane	7.76	88	82047	1050.31	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1161677	266.32	ug/l	99
52) Toluene	8.79	92	316419	50.87	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	150722	40.83	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	158411	40.97	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	132216	48.53	ug/l	96
56) Ethyl methacrylate	9.18	69	203565	46.27	ug/l	96
57) 1,3-Dichloropropane	9.37	76	220233	48.57	ug/l	98
59) 2-Hexanone	9.50	43	936304	257.59	ug/l	95
60) Dibromochloromethane	9.59	129	140162	51.44	ug/l	100
61) 1,2-Dibromoethane	9.68	107	139021	47.64	ug/l	97
64) Tetrachloroethene	9.34	164	131853	45.07	ug/l	96
65) Chlorobenzene	10.14	112	356455	46.77	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	133861	49.96	ug/l	99
67) Ethyl Benzene	10.26	91	604518	49.96	ug/l	96
68) m/p-Xylenes	10.36	106	470145	99.43	ug/l	95
69) o-Xylene	10.70	106	228162	52.53	ug/l	99
70) Styrene	10.71	104	382788	47.25	ug/l	100
71) Bromoform	10.86	173	119298	52.01	ug/l #	96
73) Isopropylbenzene	11.02	105	613872	58.34	ug/l	100
74) N-amyl acetate	10.90	43	156618	27.88	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	220969	51.59	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	192010m	51.31	ug/l	
77) Bromobenzene	11.26	156	168520	55.14	ug/l	98
78) n-propylbenzene	11.36	91	691955	57.31	ug/l	100
79) 2-Chlorotoluene	11.42	91	420235	55.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	523436	54.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	39382	29.55	ug/l	99
82) 4-Chlorotoluene	11.51	91	493150	55.67	ug/l	100
83) tert-Butylbenzene	11.77	119	529985	61.17	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	541204	54.43	ug/l	99
85) sec-Butylbenzene	11.95	105	613366	58.12	ug/l	100
86) p-Isopropyltoluene	12.07	119	549662	57.49	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	305268	53.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310193	52.65	ug/l	100
89) n-Butylbenzene	12.39	91	455271	52.43	ug/l	99
90) Hexachloroethane	12.60	117	95380	59.92	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	313104	52.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53900	57.31	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	228237	54.55	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	108727	50.11	ug/l	100
95) Naphthalene	13.83	128	751117	54.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244843	56.65	ug/l	99

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

