

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101218\
 Data File : VX005292.D
 Acq On : 12 Oct 2018 14:45
 Operator : JC/MD
 Sample : J5164-07 0.2ppb
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:04:54 AM

Quant Time: Oct 15 11:35:09 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	247276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149757	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
35) Dibromofluoromethane	5.50	113	117698	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	8.72	98	422525	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.14	95	146415	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	653	0.34	ug/l	94
3) Chloromethane	1.32	50	1462	0.52	ug/l	98
4) Vinyl Chloride	1.40	62	710	0.25	ug/l	100
5) Bromomethane	1.64	94	1260	1.36	ug/l #	73
6) Chloroethane	1.72	64	528	0.62	ug/l #	80
7) Trichlorofluoromethane	1.93	101	948	0.25	ug/l #	83
8) Diethyl Ether	2.18	74	536	0.33	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	717	0.33	ug/l #	79
12) 1,1-Dichloroethene	2.37	96	735	0.34	ug/l #	94
14) Allyl chloride	2.72	41	1196	0.25	ug/l #	85
15) Acrylonitrile	3.15	53	2666	1.52	ug/l #	93
16) Acetone	2.45	43	2620	1.65	ug/l	96
17) Carbon Disulfide	2.56	76	3487	0.53	ug/l	95
18) Methyl Acetate	2.78	43	3092	0.68	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1882	0.25	ug/l #	81
20) Methylene Chloride	2.86	84	1365	Below	Cal #	94
21) trans-1,2-Dichloroethene	3.16	96	1013	0.42	ug/l	84
22) Diisopropyl ether	3.87	45	1767	0.22	ug/l #	85
23) Vinyl Acetate	3.82	43	7584	1.09	ug/l	100
24) 1,1-Dichloroethane	3.70	63	1335	0.29	ug/l #	82
25) 2-Butanone	4.71	43	3180	1.37	ug/l	95
26) 2,2-Dichloropropane	4.57	77	836	0.24	ug/l #	76
27) cis-1,2-Dichloroethene	4.59	96	675	0.26	ug/l #	1
28) Bromochloromethane	5.03	49	629m	0.30	ug/l	
29) Tetrahydrofuran	5.17	42	2105	1.42	ug/l #	89
30) Chloroform	5.20	83	1052	0.25	ug/l #	80
31) Cyclohexane	5.59	56	890	0.24	ug/l #	77
32) 1,1,1-Trichloroethane	5.50	97	939	0.25	ug/l #	47
36) 1,1-Dichloropropene	5.81	75	1262	0.36	ug/l	96
37) Ethyl Acetate	4.86	43	1271	0.28	ug/l #	83
38) Carbon Tetrachloride	5.78	117	1156	0.32	ug/l #	81
39) Methylcyclohexane	7.46	83	1165	0.30	ug/l	91
40) Benzene	6.15	78	2317	0.22	ug/l	91
42) 1,2-Dichloroethane	6.19	62	838	0.22	ug/l #	72

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

43) Isopropyl Acetate	6.46	43	1689	0.28	ug/l #	76
44) Trichloroethene	7.22	130	1379	Below Cal		81
45) 1,2-Dichloropropane	7.51	63	658	0.25	ug/l	93
46) Dibromomethane	7.66	93	472	0.27	ug/l	93
47) Bromodichloromethane	7.90	83	758	0.24	ug/l #	94
48) Methyl methacrylate	7.77	41	724	0.23	ug/l #	75
49) 1,4-Dioxane	7.77	88	290	3.98	ug/l #	75
51) 4-Methyl-2-Pentanone	8.65	43	3734	0.89	ug/l	94
52) Toluene	8.79	92	1420	0.24	ug/l	89
53) t-1,3-Dichloropropene	9.04	75	807	0.23	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	847	0.23	ug/l #	83
55) 1,1,2-Trichloroethane	9.22	97	581	0.24	ug/l #	85
56) Ethyl methacrylate	9.18	69	780	0.22	ug/l #	72
57) 1,3-Dichloropropane	9.37	76	953	0.23	ug/l #	85
58) 2-Chloroethyl Vinyl ether	8.32	63	1823	0.90	ug/l	94
59) 2-Hexanone	9.50	43	3209	0.95	ug/l	81
61) 1,2-Dibromoethane	9.68	107	683	0.26	ug/l	85
64) Tetrachloroethene	9.34	164	888	0.33	ug/l #	80
65) Chlorobenzene	10.14	112	1805	0.25	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	572	0.22	ug/l #	59
67) Ethyl Benzene	10.26	91	2595	0.22	ug/l	100
68) m/p-Xylenes	10.36	106	1715	0.38	ug/l #	73
73) Isopropylbenzene	11.02	105	2393	0.23	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	874	0.22	ug/l	92
76) 1,2,3-Trichloropropane	11.30	75	926m	0.27	ug/l	
77) Bromobenzene	11.26	156	795	0.27	ug/l	91
78) n-propylbenzene	11.36	91	3290	0.27	ug/l	99
79) 2-Chlorotoluene	11.42	91	2064	0.28	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	1905	0.21	ug/l	100
82) 4-Chlorotoluene	11.51	91	2343	0.27	ug/l	94
83) tert-Butylbenzene	11.77	119	1989	0.22	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	2107	0.23	ug/l	93
85) sec-Butylbenzene	11.94	105	2538	0.24	ug/l	96
86) p-Isopropyltoluene	12.07	119	2419	0.25	ug/l #	72
87) 1,3-Dichlorobenzene	12.02	146	1583	0.28	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	2072m	0.36	ug/l	
89) n-Butylbenzene	12.39	91	2373	0.27	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	1667	0.29	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.00	75	207	0.21	ug/l	83
93) 1,2,4-Trichlorobenzene	13.65	180	1426	0.34	ug/l	97
94) Hexachlorobutadiene	13.79	225	679	0.31	ug/l	84
95) Naphthalene	13.84	128	3693	0.30	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	1411	0.33	ug/l	97

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

