Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070918\
Data File : VX003255.D
Acq On : 09 Jul 2018 20:31
Operator : JC/MD
Sample : J3762-07 LOD/MDL 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Manual Integrations APPROVED
MMDadoda
7/10/2018 3:11:51 PM

Quant Time: Jul 10 04:27:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	254008	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	326746	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	291821	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188776	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	197786	49.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.96%				
35) Dibromofluoromethane	5.51	113	168418	47.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.96%				
50) Toluene-d8	8.72	98	596712	47.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.72%				
62) 4-Bromofluorobenzene	11.14	95	204929	44.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.96%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	1084	0.28	ug/l		98
3) Chloromethane	1.32	50	1491	0.42	ug/l	#	85
4) Vinyl Chloride	1.41	62	894	0.25	ug/l	#	1
5) Bromomethane	1.65	94	3286	Below Cal			84
7) Trichlorofluoromethane	1.93	101	1411	0.26	ug/l		99
8) Diethyl Ether	2.20	74	412	0.21	ug/l		92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	874	0.28	ug/l	#	86
10) Methyl Iodide	2.52	142	4706	6.86	ug/l		94
11) Tert butyl alcohol	3.07	59	936	1.29	ug/l		98
12) 1,1-Dichloroethene	2.38	96	758	0.27	ug/l	#	51
13) Acrolein	2.29	56	1005	1.72	ug/l		95
14) Allyl chloride	2.72	41	1259	0.24	ug/l	#	86
15) Acrylonitrile	3.16	53	2343	1.45	ug/l		95
16) Acetone	2.45	43	1958	1.38	ug/l		93
17) Carbon Disulfide	2.57	76	4153	0.52	ug/l		98
18) Methyl Acetate	2.78	43	864	0.22	ug/l	#	90
19) Methyl tert-butyl Ether	3.22	73	1996	0.21	ug/l	#	77
20) Methylene Chloride	2.86	84	1390	Below Cal		#	80
21) trans-1,2-Dichloroethene	3.17	96	1128	0.37	ug/l		93
23) Vinyl Acetate	3.83	43	8410	0.92	ug/l	#	95
24) 1,1-Dichloroethane	3.70	63	1299	0.23	ug/l	#	83
25) 2-Butanone	4.72	43	2497	0.99	ug/l	#	85
27) cis-1,2-Dichloroethene	4.60	96	1013	0.27	ug/l	#	12
28) Bromochloromethane	5.03	49	929	0.33	ug/l	#	97
29) Tetrahydrofuran	5.17	42	2523	1.55	ug/l		95
30) Chloroform	5.21	83	1485	0.24	ug/l	#	78
31) Cyclohexane	5.57	56	1387	0.26	ug/l	#	82
36) 1,1-Dichloropropene	5.80	75	1504	0.33	ug/l		98
38) Carbon Tetrachloride	5.79	117	1255	0.25	ug/l	#	82
39) Methylcyclohexane	7.46	83	1593	0.29	ug/l		91
40) Benzene	6.15	78	2961	0.22	ug/l		92
41) Methacrylonitrile	5.07	41	588m	0.21	ug/l		
42) 1,2-Dichloroethane	6.20	62	1151	0.22	ug/l		97
44) Trichloroethene	7.21	130	1190	0.29	ug/l		70

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,2-Dichloropropane	7.52	63	723	0.20 ug/l #	77
46) Dibromomethane	7.67	93	576	0.24 ug/l	87
48) Methyl methacrylate	7.79	41	984	0.24 ug/l #	83
49) 1,4-Dioxane	7.77	88	406	4.75 ug/l #	51
51) 4-Methyl-2-Pentanone	8.65	43	3995	0.81 ug/l	94
52) Toluene	8.79	92	2172	0.25 ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	1006	0.21 ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	722	0.20 ug/l #	70
58) 2-Chloroethyl Vinyl ether	8.32	63	1907	0.80 ug/l	95
59) 2-Hexanone	9.51	43	2934	0.78 ug/l	93
61) 1,2-Dibromoethane	9.68	107	757	0.20 ug/l	95
64) Tetrachloroethene	9.34	164	1350	0.31 ug/l	91
65) Chlorobenzene	10.15	112	2504	0.25 ug/l	98
67) Ethyl Benzene	10.26	91	3746	0.23 ug/l	98
68) m/p-Xylenes	10.36	106	2922	0.47 ug/l	99
69) o-Xylene	10.70	106	1274	0.21 ug/l	96
70) Styrene	10.71	104	2159	0.22 ug/l	97
73) Isopropylbenzene	11.02	105	3527	0.24 ug/l	98
74) N-amyl acetate	6.48	43	1572	0.22 ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	1007	0.22 ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	993m	0.24 ug/l	
77) Bromobenzene	11.26	156	1333	0.31 ug/l	95
78) n-propylbenzene	11.37	91	5015	0.30 ug/l	100
79) 2-Chlorotoluene	11.42	91	2755	0.27 ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	3044	0.25 ug/l	100
82) 4-Chlorotoluene	11.52	91	3261	0.28 ug/l	95
83) tert-Butylbenzene	11.77	119	2885	0.23 ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	3042	0.24 ug/l	93
85) sec-Butylbenzene	11.95	105	3727	0.25 ug/l	94
86) p-Isopropyltoluene	12.07	119	3181	0.24 ug/l #	77
87) 1,3-Dichlorobenzene	12.03	146	2631	0.33 ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	3214m	0.40 ug/l	
89) n-Butylbenzene	12.39	91	3531	0.32 ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	2246	0.28 ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	283	0.29 ug/l	79
93) 1,2,4-Trichlorobenzene	13.65	180	2334	0.40 ug/l	90
94) Hexachlorobutadiene	13.79	225	1269	0.44 ug/l	96
95) Naphthalene	13.84	128	4730	0.31 ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	2139	0.37 ug/l	96

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

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