Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071218\
Data File : VN049778.D
Acq On : 12 Jul 2018 19:19
Operator : MD\SY
Sample : J3762-07 LOD/MDL 0.2ppb
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
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7/13/2018 1:35:17 PM

Quant Time: Jul 13 04:31:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1064522	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1700358	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1458559	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	562332	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	670270	54.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.26%				
35) Dibromofluoromethane	7.59	113	623211	48.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.24%				
50) Toluene-d8	10.09	98	1908933	43.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.02%				
62) 4-Bromofluorobenzene	12.40	95	580903	37.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 74.14%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.86	85	2907	Below Cal			77
3) Chloromethane	2.06	50	5378	Below Cal		#	88
4) Vinyl Chloride	2.18	62	3778	Below Cal			97
5) Bromomethane	2.57	94	6367	Below Cal			99
6) Chloroethane	2.71	64	2837	0.30	ug/l		98
7) Trichlorofluoromethane	3.02	101	4832	0.24	ug/l		91
8) Diethyl Ether	3.42	74	1478	0.20	ug/l	#	17
9) 1,1,2-Trichlorotrifluoroet	3.76	101	3428	0.26	ug/l	#	59
12) 1,1-Dichloroethene	3.73	96	3367	0.29	ug/l	#	67
14) Allyl chloride	4.34	41	5181m	0.28	ug/l		
15) Acrylonitrile	5.00	53	4436m	1.07	ug/l		
16) Acetone	3.83	43	7795	0.48	ug/l		98
18) Methyl Acetate	4.33	43	12496	0.48	ug/l		90
20) Methylene Chloride	4.55	84	6423	Below Cal		#	83
21) trans-1,2-Dichloroethene	5.05	96	3706	0.29	ug/l		94
23) Vinyl Acetate	5.91	43	19319	0.75	ug/l		95
24) 1,1-Dichloroethane	5.85	63	6170	0.25	ug/l	#	89
25) 2-Butanone	6.85	43	6784m	1.41	ug/l		
26) 2,2-Dichloropropane	6.84	77	4947	0.25	ug/l	#	69
27) cis-1,2-Dichloroethene	6.84	96	3489	0.24	ug/l		95
29) Tetrahydrofuran	7.23	42	4731m	1.56	ug/l		
30) Chloroform	7.38	83	5662	0.23	ug/l		97
31) Cyclohexane	7.66	56	21984	0.89	ug/l	#	1
32) 1,1,1-Trichloroethane	7.57	97	4772	0.22	ug/l	#	51
36) 1,1-Dichloropropene	7.80	75	4280	0.22	ug/l	#	69
38) Carbon Tetrachloride	7.78	117	5707	0.28	ug/l	#	82
40) Benzene	8.04	78	12819m	0.22	ug/l		
42) 1,2-Dichloroethane	8.13	62	4107	0.21	ug/l		86
44) Trichloroethene	8.84	130	3649	0.23	ug/l		94
45) 1,2-Dichloropropane	9.13	63	3175	0.20	ug/l		91
46) Dibromomethane	9.20	93	1959	0.21	ug/l		91
47) Bromodichloromethane	9.41	83	4578	0.22	ug/l	#	97
48) Methyl methacrylate	9.21	41	2350	0.23	ug/l	#	82
49) 1,4-Dioxane	9.21	88	544m	3.98	ug/l		

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
51) 4-Methyl-2-Pentanone	9.99	43	9231	0.82 ug/l		99
53) t-1,3-Dichloropropene	10.38	75	4527	0.23 ug/l	#	77
55) 1,1,2-Trichloroethane	10.56	97	5693	Below Cal	#	70
58) 2-Chloroethyl Vinyl ether	9.70	63	6103	0.80 ug/l		93
59) 2-Hexanone	10.76	43	6997	0.93 ug/l		99
61) 1,2-Dibromoethane	11.01	107	2554	0.20 ug/l		82
64) Tetrachloroethene	10.63	164	3028	0.23 ug/l	#	87
65) Chlorobenzene	11.44	112	8967	0.24 ug/l		98
68) m/p-Xylenes	11.62	106	9051	0.39 ug/l		95
71) Bromoform	12.13	173	1977	0.20 ug/l	#	28
73) Isopropylbenzene	12.25	105	9405	0.20 ug/l		99
74) N-amyl acetate	12.07	43	2780	0.23 ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.50	83	3121	Below Cal		94
76) 1,2,3-Trichloropropane	12.55	75	2806m	0.28 ug/l		
77) Bromobenzene	12.53	156	3559	0.29 ug/l		95
78) n-propylbenzene	12.59	91	12407	0.24 ug/l		94
79) 2-Chlorotoluene	12.67	91	7108	0.22 ug/l		97
80) 1,3,5-Trimethylbenzene	12.73	105	7436	0.20 ug/l		97
82) 4-Chlorotoluene	12.78	91	8533	0.27 ug/l		96
83) tert-Butylbenzene	12.99	119	6673	0.20 ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	5809	0.27 ug/l		94
88) 1,4-Dichlorobenzene	13.37	146	6471m	0.31 ug/l		
90) Hexachloroethane	13.88	117	1786	Below Cal		93
91) 1,2-Dichlorobenzene	13.66	146	5545	0.26 ug/l		95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	651	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	2804	3.12 ug/l		88
94) Hexachlorobutadiene	15.01	225	1265m	Below Cal		
95) Naphthalene	15.14	128	5259	4.22 ug/l	#	92
96) 1,2,3-Trichlorobenzene	15.32	180	2756	0.27 ug/l		95

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

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