Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002153.D
Acq On : 26 Jul 2018 01:23
Operator : JU/SJ
Sample : J3762-07
Misc : LOD 1 PPM
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:47 AM

Quant Time: Jul 26 07:15:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	213908	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	882552	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	518501	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1097109	20.00	ng		0.00
75) Chrysene-d12	21.27	240	943869	20.00	ng		0.00
86) Perylene-d12	23.49	264	892831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1584243	119.23	ng		0.00
7) Phenol-d6	6.88	99	2138846	114.71	ng		0.00
23) Nitrobenzene-d5	8.84	82	1507518	87.60	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	848942	126.09	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3413973	85.76	ng		0.00
78) Terphenyl-d14	19.71	244	4879501	107.82	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.03	93	12631	0.555	ng		98
8) 2-Chlorophenol	7.26	128	13798	0.895	ng		91
9) Benzaldehyde	6.85	77	15027	1.309	ng		95
10) Phenol	6.90	94	18020	0.943	ng	#	78
11) bis(2-Chloroethyl)ether	7.13	93	12215	0.785	ng		95
12) 1,3-Dichlorobenzene	7.58	146	14890	0.848	ng		92
13) 1,4-Dichlorobenzene	7.72	146	15187	0.845	ng		90
14) 1,2-Dichlorobenzene	8.04	146	14963	0.863	ng		97
15) Benzyl Alcohol	7.94	79	7059	0.502	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.22	45	21859	0.870	ng		89
18) Hexachloroethane	8.75	117	5308	0.807	ng	#	83
24) Nitrobenzene	8.88	77	16520	0.926	ng		98
31) Naphthalene	10.52	128	44746	1.005	ng		99
34) Hexachlorobutadiene	10.80	225	8445	0.872	ng		92
37) 2-Methylnaphthalene	12.13	142	31554	1.004	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	15772	0.905	ng		98
45) 1,1'-Biphenyl	13.15	154	46202	1.013	ng		99
46) 2-Chloronaphthalene	13.19	162	32199	0.914	ng		98
48) Acenaphthylene	14.04	152	46818	0.876	ng		97
49) Dimethylphthalate	13.78	163	38173	0.886	ng	#	96
50) 2,6-Dinitrotoluene	13.90	165	6727	0.703	ng		91
51) Acenaphthene	14.39	154	31204	0.969	ng		92
54) Dibenzofuran	14.72	168	48894	0.937	ng		94
57) Fluorene	15.37	166	37377	0.950	ng		92
58) 2,3,4,6-Tetrachlorophenol	14.96	232	7302	0.685	ng	#	94
59) Diethylphthalate	15.15	149	35215	0.803	ng		97
62) Azobenzene	15.66	77	33058	0.786	ng		97
65) n-Nitrosodiphenylamine	15.59	169	28820	0.792	ng		97
66) 4-Bromophenyl-phenylether	16.27	248	11482	0.894	ng		92
67) Hexachlorobenzene	16.38	284	12533	0.882	ng	#	81
68) Atrazine	16.54	200	8296	0.677	ng		95
70) Phenanthrene	17.11	178	60803	1.015	ng		98
71) Anthracene	17.20	178	54043	0.912	ng		95
72) Carbazole	17.48	167	42752	0.719	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Di-n-butylphthalate	18.05	149	44839	0.646	ng		98
74) Fluoranthene	19.13	202	54351	0.836	ng		98
77) Pyrene	19.50	202	57247	0.879	ng		99
79) Butylbenzylphthalate	20.41	149	16852	0.595	ng		90
80) Benzo(a)anthracene	21.25	228	55187	0.959	ng		95
82) Chrysene	21.30	228	53905	0.984	ng		99
83) Bis(2-ethylhexyl)phthalate	21.19	149	24477	0.619	ng	#	98
84) Di-n-octyl phthalate	22.07	149	38077	0.608	ng		100
85) Indeno(1,2,3-cd)pyrene	25.72	276	51815	0.970	ng	#	80
87) Benzo(b)fluoranthene	22.83	252	48917	0.928	ng		98
88) Benzo(k)fluoranthene	22.87	252	49170m	0.948	ng		
89) Benzo(a)pyrene	23.40	252	46235	0.940	ng	#	96
90) Dibenzo(a,h)anthracene	25.73	278	43779	0.948	ng	#	94
91) Benzo(g,h,i)perylene	26.40	276	41651	0.933	ng		94

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

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