Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002161.D
Acq On : 26 Jul 2018 06:13
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 1 PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Manual Integrations APPROVED
Sohil

Quant Time: Jul 26 08:59:51 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

7/27/2018 11:35:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	223687	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	933572	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	549485	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1188983	20.00	ng		0.00
75) Chrysene-d12	21.27	240	993664	20.00	ng		0.00
86) Perylene-d12	23.50	264	890562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1629557	117.28	ng		0.00
7) Phenol-d6	6.87	99	2217494	113.73	ng		0.00
23) Nitrobenzene-d5	8.84	82	1551634	85.23	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	894185	125.32	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3572713	84.69	ng		0.00
78) Terphenyl-d14	19.71	244	5203026	109.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	7076	1.357	ng	#	85
3) Pyridine	3.69	79	9762	0.646	ng	#	44
4) n-Nitrosodimethylamine	3.59	42	6598	1.018	ng	#	32
6) Aniline	7.03	93	13751	0.577	ng		97
8) 2-Chlorophenol	7.26	128	15032	0.933	ng		92
9) Benzaldehyde	6.85	77	16620	1.384	ng		95
10) Phenol	6.90	94	18509	0.926	ng	#	78
11) bis(2-Chloroethyl)ether	7.13	93	13362	0.821	ng		92
12) 1,3-Dichlorobenzene	7.58	146	16315	0.888	ng		87
13) 1,4-Dichlorobenzene	7.73	146	16773	0.893	ng		95
14) 1,2-Dichlorobenzene	8.04	146	16264	0.897	ng		94
15) Benzyl Alcohol	7.93	79	7736	0.526	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	23861	0.908	ng		83
17) 2-Methylphenol	8.13	107	12136	0.889	ng		97
18) Hexachloroethane	8.76	117	5924	0.862	ng	#	85
19) n-Nitroso-di-n-propylamine	8.49	70	10808	0.764	ng	#	87
20) 3+4-Methylphenols	8.46	107	14579	0.766	ng		90
22) Acetophenone	8.50	105	22066	0.912	ng		99
24) Nitrobenzene	8.88	77	18306	0.970	ng		95
25) Isophorone	9.40	82	29509	0.944	ng	#	94
26) 2-Nitrophenol	9.59	139	6236	0.684	ng		98
27) 2,4-Dimethylphenol	9.65	122	11169	0.881	ng		89
28) bis(2-Chloroethoxy)methane	9.89	93	19186	0.950	ng	#	95
29) 2,4-Dichlorophenol	10.13	162	10768	0.729	ng		86
30) 1,2,4-Trichlorobenzene	10.33	180	15351	0.917	ng		96
31) Naphthalene	10.51	128	50003	1.061	ng		97
32) Benzoic acid	9.76	122	2270m	0.211	ng		
33) 4-Chloroaniline	10.63	127	12931	0.617	ng		95
34) Hexachlorobutadiene	10.80	225	8850	0.863	ng	#	87
35) Caprolactam	11.40	113	2466	0.489	ng	#	78
36) 4-Chloro-3-methylphenol	11.76	107	12898	0.767	ng		95
37) 2-Methylnaphthalene	12.13	142	33608	1.011	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	16719	0.905	ng		99
40) Hexachlorocyclopentadiene	12.48	237	6648	0.637	ng		85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	8494	0.685	ng		98
43) 2,4,5-Trichlorophenol	12.83	196	9338	0.711	ng		96
45) 1,1'-Biphenyl	13.15	154	49956	1.033	ng		100
46) 2-Chloronaphthalene	13.19	162	34872	0.934	ng		94
47) 2-Nitroaniline	13.41	65	8061	0.671	ng		89
48) Acenaphthylene	14.04	152	52464	0.926	ng		95
49) Dimethylphthalate	13.78	163	41029	0.899	ng	#	98
50) 2,6-Dinitrotoluene	13.90	165	7425	0.732	ng		88
51) Acenaphthene	14.39	154	33055	0.969	ng		100
52) 3-Nitroaniline	14.24	138	6306	0.574	ng	#	93
54) Dibenzofuran	14.72	168	52540	0.950	ng		98
55) 4-Nitrophenol	14.58	139	3796	0.450	ng	#	84
56) 2,4-Dinitrotoluene	14.70	165	8574	0.623	ng	#	96
57) Fluorene	15.37	166	40847	0.980	ng		91
58) 2,3,4,6-Tetrachlorophenol	14.96	232	7794	0.690	ng	#	88
59) Diethylphthalate	15.15	149	38782	0.835	ng		99
60) 4-Chlorophenyl-phenylether	15.37	204	22115	0.959	ng		96
61) 4-Nitroaniline	15.40	138	6234	0.557	ng		82
62) Azobenzene	15.66	77	37431	0.840	ng		98
64) 4,6-Dinitro-2-methylphenol	15.47	198	3102	0.386	ng		99
65) n-Nitrosodiphenylamine	15.59	169	32496	0.824	ng		95
66) 4-Bromophenyl-phenylether	16.26	248	12357	0.888	ng	#	90
67) Hexachlorobenzene	16.38	284	14255	0.926	ng		95
68) Atrazine	16.54	200	9514	0.716	ng		94
69) Pentachlorophenol	16.73	266	3041	0.307	ng		95
70) Phenanthrene	17.11	178	66388	1.023	ng		98
71) Anthracene	17.20	178	60203	0.937	ng		98
72) Carbazole	17.48	167	51320	0.796	ng		95
73) Di-n-butylphthalate	18.05	149	50345	0.670	ng		98
74) Fluoranthene	19.13	202	63645	0.903	ng		98
76) Benzidine	19.33	184	11213	0.346	ng		98
77) Pyrene	19.50	202	63623	0.928	ng		98
79) Butylbenzylphthalate	20.41	149	18319	0.614	ng		94
80) Benzo(a)anthracene	21.25	228	59005	0.974	ng		96
81) 3,3'-Dichlorobenzidine	21.19	252	11417	0.484	ng		97
82) Chrysene	21.30	228	58319	1.011	ng		99
83) Bis(2-ethylhexyl)phthalate	21.19	149	26428	0.635	ng	#	90
84) Di-n-octyl phthalate	22.07	149	39794	0.603	ng	#	98
85) Indeno(1,2,3-cd)pyrene	25.73	276	52382	0.932	ng	#	95
87) Benzo(b)fluoranthene	22.83	252	49364	0.939	ng		97
88) Benzo(k)fluoranthene	22.87	252	51235m	0.990	ng		
89) Benzo(a)pyrene	23.40	252	47293	0.963	ng	#	96
90) Dibenzo(a,h)anthracene	25.73	278	43236	0.938	ng	#	94
91) Benzo(g,h,i)perylene	26.40	276	43154	0.969	ng		93

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

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