Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105168.D
Acq On : 9 May 2018 2:05
Operator : JU/SJ
Sample : J2133-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:14 PM

Quant Time: May 09 11:54:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	196720	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	775605	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	381416	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	745212	20.00	ng		0.00
75) Chrysene-d12	14.00	240	648485	20.00	ng		-0.02
86) Perylene-d12	15.53	264	577909	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1487842	124.60	ng		0.00
7) Phenol-d6	6.42	99	1758087	123.65	ng		0.00
23) Nitrobenzene-d5	7.36	82	1062496	92.84	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	561771	133.50	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1919157	78.10	ng		0.00
78) Terphenyl-d14	12.91	244	2139602	76.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	33250	5.267	ng		94
3) Pyridine	3.29	79	81315	4.803	ng	#	81
4) n-Nitrosodimethylamine	3.18	42	35804	4.172	ng	#	93
6) Aniline	6.46	93	106253	5.117	ng		97
8) 2-Chlorophenol	6.57	128	68072	5.374	ng		97
9) Benzaldehyde	6.35	77	31518	2.892	ng		93
10) Phenol	6.43	94	80404	5.081	ng	#	64
11) bis(2-Chloroethyl)ether	6.53	93	68908	5.284	ng		89
12) 1,3-Dichlorobenzene	6.73	146	88062	5.768	ng		97
13) 1,4-Dichlorobenzene	6.81	146	87470	5.729	ng		96
14) 1,2-Dichlorobenzene	6.96	146	79382	5.637	ng		98
15) Benzyl Alcohol	6.93	79	73758	6.778	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	126448	5.218	ng		96
17) 2-Methylphenol	7.03	107	59535	5.443	ng		96
18) Hexachloroethane	7.30	117	27904	5.680	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	51519	5.473	ng	#	87
20) 3+4-Methylphenols	7.19	107	78031	6.071	ng		96
22) Acetophenone	7.20	105	109799	6.073	ng	#	97
24) Nitrobenzene	7.37	77	79325	6.113	ng		99
25) Isophorone	7.60	82	124924	4.881	ng		96
26) 2-Nitrophenol	7.69	139	26149	13.921	ng		98
27) 2,4-Dimethylphenol	7.72	122	49784	4.377	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	81709	5.173	ng		98
29) 2,4-Dichlorophenol	7.92	162	55484	5.214	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	70940	5.781	ng		97
31) Naphthalene	8.09	128	217955	5.836	ng		98
32) Benzoic acid	7.77	122	28161	13.182	ng		92
33) 4-Chloroaniline	8.14	127	83677	5.388	ng		98
34) Hexachlorobutadiene	8.21	225	42054	5.916	ng		98
35) Caprolactam	8.47	113	15082	4.667	ng	#	75
36) 4-Chloro-3-methylphenol	8.61	107	54765	4.943	ng		92
37) 2-Methylnaphthalene	8.78	142	147853	5.680	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	73664	6.069	ng	#	96
40) Hexachlorocyclopentadiene	8.93	237	31330	4.774	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	36955	4.990	ng		97
43) 2,4,5-Trichlorophenol	9.09	196	43364	5.604	ng		87
45) 1,1'-Biphenyl	9.25	154	199673	6.425	ng		98
46) 2-Chloronaphthalene	9.27	162	139406	6.002	ng		96
47) 2-Nitroaniline	9.36	65	33587	10.213	ng		86
48) Acenaphthylene	9.69	152	216336	6.031	ng		99
49) Dimethylphthalate	9.55	163	156490	6.061	ng		99
50) 2,6-Dinitrotoluene	9.60	165	30604	5.462	ng		97
51) Acenaphthene	9.86	154	138783	6.003	ng		99
52) 3-Nitroaniline	9.77	138	32648	5.532	ng		94
53) 2,4-Dinitrophenol	9.87	184	5913	13.262	ng	#	22
54) Dibenzofuran	10.03	168	199439	5.897	ng		97
55) 4-Nitrophenol	9.92	139	21590	8.147	ng		94
56) 2,4-Dinitrotoluene	10.00	165	37635	8.281	ng		93
57) Fluorene	10.37	166	156086	6.294	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	33809	4.895	ng	#	87
59) Diethylphthalate	10.25	149	150604	5.935	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	74409	6.445	ng	#	87
61) 4-Nitroaniline	10.38	138	30345	5.167	ng		98
62) Azobenzene	10.53	77	146922	5.550	ng		95
64) 4,6-Dinitro-2-methylphenol	10.41	198	12484	13.325	ng		88
65) n-Nitrosodiphenylamine	10.49	169	135789	5.845	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	43624	5.489	ng	#	86
67) Hexachlorobenzene	10.92	284	53450	5.837	ng	#	84
68) Atrazine	11.00	200	26173	3.595	ng		99
69) Pentachlorophenol	11.11	266	24298	7.539	ng		94
70) Phenanthrene	11.33	178	233015	5.931	ng		98
71) Anthracene	11.39	178	228168	5.716	ng		98
72) Carbazole	11.54	167	208437	5.794	ng		98
73) Di-n-butylphthalate	11.87	149	215776	5.608	ng		99
74) Fluoranthene	12.52	202	234800	5.735	ng		96
76) Benzidine	12.64	184	43130	1.781	ng	#	90
77) Pyrene	12.75	202	247008	5.237	ng		97
79) Butylbenzylphthalate	13.39	149	70022	10.417	ng		96
80) Benzo(a)anthracene	13.99	228	214330	5.450	ng		96
81) 3,3'-Dichlorobenzidine	13.94	252	58948	3.987	ng		99
82) Chrysene	14.02	228	220567	5.446	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	106321	5.452	ng		99
84) Di-n-octyl phthalate	14.67	149	133376	9.952	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.97	276	144362	4.498	ng	#	93
87) Benzo(b)fluoranthene	15.10	252	191138m	5.406	ng		
88) Benzo(k)fluoranthene	15.13	252	180109	5.254	ng	#	96
89) Benzo(a)pyrene	15.47	252	159529	4.961	ng	#	97
90) Dibenzo(a,h)anthracene	16.99	278	123692	4.953	ng		96
91) Benzo(g,h,i)perylene	17.40	276	120271	4.922	ng		94

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

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