Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104585.D
Acq On : 18 Apr 2018 1:53
Operator : JU/SJ
Sample : PB108302BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108302BS

Quant Time: Apr 18 02:33:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 17:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150078	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	599788	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	249651	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	390140	20.00	ng		0.00
75) Chrysene-d12	13.98	240	276055	20.00	ng		0.00
86) Perylene-d12	15.44	264	213997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1060276	108.03	ng		0.01
7) Phenol-d6	6.45	99	1316728	109.19	ng		0.00
23) Nitrobenzene-d5	7.37	82	834563	90.86	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	278614	107.59	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1338965	84.73	ng		0.00
78) Terphenyl-d14	12.92	244	1024296	84.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	149567	32.704	ng	#	90
3) Pyridine	3.34	79	436236	33.926	ng		84
4) n-Nitrosodimethylamine	3.30	42	168475	37.482	ng	#	74
6) Aniline	6.47	93	222585	13.285	ng	#	83
8) 2-Chlorophenol	6.59	128	400469	38.657	ng		96
9) Benzaldehyde	6.36	77	244484	40.114	ng		93
10) Phenol	6.46	94	466234	36.437	ng		94
11) bis(2-Chloroethyl)ether	6.55	93	382511	37.461	ng		95
12) 1,3-Dichlorobenzene	6.75	146	419960	35.783	ng		99
13) 1,4-Dichlorobenzene	6.82	146	425356	36.358	ng		99
14) 1,2-Dichlorobenzene	6.97	146	392297	36.185	ng		99
15) Benzyl Alcohol	6.95	79	324737	35.453	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	485381	35.396	ng		89
17) 2-Methylphenol	7.06	107	330896	36.746	ng		98
18) Hexachloroethane	7.32	117	138618	33.232	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	257426	32.667	ng		94
20) 3+4-Methylphenols	7.22	107	386544	34.611	ng	#	63
22) Acetophenone	7.22	105	511007	34.606	ng		97
24) Nitrobenzene	7.39	77	408768	40.307	ng		99
25) Isophorone	7.63	82	738069	37.998	ng		99
26) 2-Nitrophenol	7.70	139	211609	51.255	ng		97
27) 2,4-Dimethylphenol	7.75	122	347950	40.590	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	474333	39.941	ng		99
29) 2,4-Dichlorophenol	7.95	162	323196	39.514	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	330106	36.775	ng		100
31) Naphthalene	8.11	128	1097130	36.735	ng		100
32) Benzoic acid	7.87	122	247473	36.181	ng		99
33) 4-Chloroaniline	8.16	127	91154	7.124	ng		96
34) Hexachlorobutadiene	8.22	225	178042	36.211	ng		98
35) Caprolactam	8.54	113	105924	37.123	ng	#	79
36) 4-Chloro-3-methylphenol	8.65	107	342624	39.066	ng		99
37) 2-Methylnaphthalene	8.80	142	710297	36.767	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	302167	42.282	ng		99
40) Hexachlorocyclopentadiene	8.95	237	74897	18.720	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	211703	42.674	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	219955	39.621	ng		95
45) 1,1'-Biphenyl	9.27	154	813696	38.798	ng		99
46) 2-Chloronaphthalene	9.29	162	639031	38.576	ng		99
47) 2-Nitroaniline	9.39	65	196095	47.867	ng		97
48) Acenaphthylene	9.71	152	949337	36.526	ng		100
49) Dimethylphthalate	9.57	163	771853	39.206	ng		100
50) 2,6-Dinitrotoluene	9.63	165	166841	45.800	ng		95
51) Acenaphthene	9.88	154	547971	34.555	ng		100
52) 3-Nitroaniline	9.80	138	87088	20.421	ng		99
53) 2,4-Dinitrophenol	9.91	184	60577	49.736	ng	#	20
54) Dibenzofuran	10.05	168	829683	37.543	ng		98
55) 4-Nitrophenol	9.97	139	261658	78.106	ng		92
56) 2,4-Dinitrotoluene	10.04	165	209130	43.766	ng		94
57) Fluorene	10.40	166	611549	38.018	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	160673	38.794	ng		94
59) Diethylphthalate	10.27	149	717214	36.580	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	288534	40.277	ng		98
61) 4-Nitroaniline	10.42	138	132882	31.867	ng		96
62) Azobenzene	10.55	77	655275	34.981	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	46559	28.100	ng		81
65) n-Nitrosodiphenylamine	10.51	169	568381	42.018	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	176067	42.427	ng		95
67) Hexachlorobenzene	10.94	284	186155	39.867	ng	#	85
68) Atrazine	11.03	200	174081	42.634	ng		99
69) Pentachlorophenol	11.14	266	177199	61.341	ng		99
70) Phenanthrene	11.36	178	811877	37.368	ng		99
71) Anthracene	11.41	178	828973	37.535	ng		100
72) Carbazole	11.57	167	760418	35.235	ng		99
73) Di-n-butylphthalate	11.89	149	1004427	38.100	ng		99
74) Fluoranthene	12.55	202	775473	34.162	ng		97
76) Benzidine	12.67	184	474021	56.615	ng		98
77) Pyrene	12.78	202	767868	37.526	ng		99
79) Butylbenzylphthalate	13.39	149	381017	39.525	ng		99
80) Benzo(a)anthracene	13.97	228	663775	40.249	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	219671	35.724	ng		96
82) Chrysene	14.01	228	630018	37.192	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	525725	42.399	ng		98
84) Di-n-octyl phthalate	14.57	149	879364	42.444	ng		95
85) Indeno(1,2,3-cd)pyrene	16.89	276	474366	32.965	ng		98
87) Benzo(b)fluoranthene	15.02	252	573473	42.430	ng		98
88) Benzo(k)fluoranthene	15.04	252	500311	39.209	ng		100
89) Benzo(a)pyrene	15.38	252	488839	40.423	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	396265	39.897	ng		98
91) Benzo(g,h,i)perylene	17.33	276	387449	40.265	ng		97

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

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