Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102415.D
Acq On : 25 Jan 2018 9:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 25 13:58:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	158796	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	649826	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	292498	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	491338	20.00	ng		0.00
75) Chrysene-d12	13.88	240	341477	20.00	ng		0.00
86) Perylene-d12	15.30	264	291286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	840492	80.25	ng		0.00
7) Phenol-d6	6.37	99	1002581	79.41	ng		0.00
23) Nitrobenzene-d5	7.29	82	897830	79.40	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	207107	71.46	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1507234	75.77	ng		0.00
78) Terphenyl-d14	12.83	244	1214468	80.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	197975	39.786	ng		97
3) Pyridine	3.07	79	538835	41.437	ng		97
4) n-Nitrosodimethylamine	3.05	42	214016	41.981	ng		98
6) Aniline	6.39	93	655352	39.242	ng	#	88
8) 2-Chlorophenol	6.50	128	438703	39.961	ng		99
9) Benzaldehyde	6.27	77	279095	39.744	ng		98
10) Phenol	6.38	94	525261	38.106	ng	#	68
11) bis(2-Chloroethyl)ether	6.46	93	421607	40.215	ng		98
12) 1,3-Dichlorobenzene	6.66	146	515265	39.464	ng		100
13) 1,4-Dichlorobenzene	6.73	146	512164	39.159	ng		99
14) 1,2-Dichlorobenzene	6.89	146	465593	38.919	ng		99
15) Benzyl Alcohol	6.87	79	335712	37.684	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	678320	38.578	ng		94
17) 2-Methylphenol	6.99	107	379048	39.755	ng		95
18) Hexachloroethane	7.23	117	181750	39.879	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	293791	38.023	ng		98
20) 3+4-Methylphenols	7.14	107	437605	39.024	ng	#	71
22) Acetophenone	7.13	105	593219	38.295	ng	#	92
24) Nitrobenzene	7.31	77	466376	40.302	ng		99
25) Isophorone	7.55	82	804127	39.889	ng		99
26) 2-Nitrophenol	7.62	139	252615	41.477	ng		95
27) 2,4-Dimethylphenol	7.66	122	350614	39.645	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	497706	39.967	ng		99
29) 2,4-Dichlorophenol	7.86	162	357099	39.640	ng		100
30) 1,2,4-Trichlorobenzene	7.95	180	380391	39.391	ng		99
31) Naphthalene	8.02	128	1256936	38.741	ng		100
32) Benzoic acid	7.82	122	255293	34.455	ng		98
33) 4-Chloroaniline	8.08	127	538668	39.482	ng		98
34) Hexachlorobutadiene	8.13	225	206407	40.020	ng		99
35) Caprolactam	8.47	113	118461	39.817	ng		99
36) 4-Chloro-3-methylphenol	8.57	107	380627	40.084	ng		96
37) 2-Methylnaphthalene	8.72	142	832567	38.532	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	343301	39.011	ng		99
40) Hexachlorocyclopentadiene	8.86	237	137408	34.891	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	231179	39.243 ng		99
43) 2,4,5-Trichlorophenol	9.04	196	266732	40.214 ng		99
45) 1,1'-Biphenyl	9.18	154	996190	38.089 ng		99
46) 2-Chloronaphthalene	9.20	162	791295	38.924 ng		99
47) 2-Nitroaniline	9.31	65	257998	40.707 ng		97
48) Acenaphthylene	9.62	152	1196098	37.766 ng		99
49) Dimethylphthalate	9.49	163	944443	39.064 ng		100
50) 2,6-Dinitrotoluene	9.55	165	200485	38.462 ng		98
51) Acenaphthene	9.79	154	697573	37.713 ng		99
52) 3-Nitroaniline	9.72	138	242377	39.307 ng		96
53) 2,4-Dinitrophenol	9.83	184	91699	41.093 ng	#	18
54) Dibenzofuran	9.96	168	958299	38.281 ng		98
55) 4-Nitrophenol	9.89	139	157968	38.809 ng		90
56) 2,4-Dinitrotoluene	9.96	165	237461	37.045 ng	#	90
57) Fluorene	10.30	166	770448	38.840 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	187988	39.695 ng		96
59) Diethylphthalate	10.18	149	883421	37.602 ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	332545	38.666 ng		95
61) 4-Nitroaniline	10.34	138	243086	39.506 ng		90
62) Azobenzene	10.46	77	816432	37.956 ng		97
64) 4,6-Dinitro-2-methylphenol	10.37	198	136796	41.731 ng		85
65) n-Nitrosodiphenylamine	10.42	169	712065	39.485 ng		100
66) 4-Bromophenyl-phenylether	10.79	248	210272	39.755 ng		93
67) Hexachlorobenzene	10.85	284	221639	37.468 ng		94
68) Atrazine	10.95	200	211243	39.661 ng		98
69) Pentachlorophenol	11.04	266	125301	40.323 ng		97
70) Phenanthrene	11.26	178	1106924	38.661 ng		99
71) Anthracene	11.32	178	1121020	38.360 ng		100
72) Carbazole	11.47	167	1131442	39.686 ng		100
73) Di-n-butylphthalate	11.80	149	1380050	38.725 ng		99
74) Fluoranthene	12.45	202	1110699	38.042 ng		99
76) Benzidine	12.57	184	433109	37.755 ng		99
77) Pyrene	12.68	202	1120108	42.425 ng		100
79) Butylbenzylphthalate	13.30	149	549025	41.786 ng		96
80) Benzo(a)anthracene	13.87	228	870334	41.398 ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	313919	40.704 ng		97
82) Chrysene	13.91	228	865412	40.536 ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	720729	40.818 ng	#	99
84) Di-n-octyl phthalate	14.47	149	1100082	38.310 ng		100
85) Indeno(1,2,3-cd)pyrene	16.70	276	662533	37.576 ng		98
87) Benzo(b)fluoranthene	14.89	252	777850	41.200 ng		97
88) Benzo(k)fluoranthene	14.92	252	686112	38.465 ng		98
89) Benzo(a)pyrene	15.24	252	673712	39.566 ng		98
90) Dibenzo(a,h)anthracene	16.71	278	544153	39.451 ng		98
91) Benzo(g,h,i)perylene	17.12	276	559395	41.074 ng		99

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

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