Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104420.D
Acq On : 10 Apr 2018 21:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 11 00:56:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 12:04:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131062	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	496391	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	188785	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	288362	20.00	ng		0.00
75) Chrysene-d12	13.98	240	284161	20.00	ng		0.00
86) Perylene-d12	15.44	264	217404	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	651665	76.03	ng		0.00
7) Phenol-d6	6.44	99	776456	73.73	ng		0.00
23) Nitrobenzene-d5	7.37	82	669075	88.01	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	137213	70.07	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1043806	87.35	ng		0.00
78) Terphenyl-d14	12.92	244	837764	67.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	152276	38.127	ng		90
3) Pyridine	3.24	79	427747	38.092	ng		88
4) n-Nitrosodimethylamine	3.20	42	144765	36.880	ng		82
6) Aniline	6.47	93	538048	36.773	ng		97
8) 2-Chlorophenol	6.59	128	345665	38.208	ng		96
9) Benzaldehyde	6.36	77	207431	38.436	ng		99
10) Phenol	6.45	94	440321	39.405	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	338995	38.016	ng		98
12) 1,3-Dichlorobenzene	6.75	146	389897	38.042	ng		99
13) 1,4-Dichlorobenzene	6.83	146	389962	38.169	ng		98
14) 1,2-Dichlorobenzene	6.98	146	359819	38.005	ng		99
15) Benzyl Alcohol	6.95	79	293097	36.642	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	437648	36.546	ng		93
17) 2-Methylphenol	7.06	107	296445	37.696	ng		97
18) Hexachloroethane	7.32	117	120446	33.065	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	236524	34.369	ng		92
20) 3+4-Methylphenols	7.22	107	350107	35.896	ng	#	80
22) Acetophenone	7.22	105	464965	38.047	ng		99
24) Nitrobenzene	7.40	77	357592	42.606	ng		94
25) Isophorone	7.63	82	596360	37.098	ng		99
26) 2-Nitrophenol	7.71	139	161741	47.337	ng		92
27) 2,4-Dimethylphenol	7.75	122	259379	36.560	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	379748	38.637	ng		100
29) 2,4-Dichlorophenol	7.95	162	254958	37.664	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	289033	38.906	ng		99
31) Naphthalene	8.12	128	930426	37.642	ng		99
32) Benzoic acid	7.86	122	201102	35.526	ng		96
33) 4-Chloroaniline	8.16	127	395299	37.330	ng		98
34) Hexachlorobutadiene	8.23	225	162473	39.928	ng		99
35) Caprolactam	8.54	113	78261	33.141	ng	#	79
36) 4-Chloro-3-methylphenol	8.64	107	251344	34.628	ng		100
37) 2-Methylnaphthalene	8.80	142	571872	35.768	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	241232	44.639	ng		98
40) Hexachlorocyclopentadiene	8.96	237	23946	7.915	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	155438	41.434	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	167510	39.902	ng		94
45) 1,1'-Biphenyl	9.27	154	672123	42.381	ng		100
46) 2-Chloronaphthalene	9.30	162	514350	41.060	ng		97
47) 2-Nitroaniline	9.39	65	152499	49.227	ng		94
48) Acenaphthylene	9.71	152	761370	38.738	ng		100
49) Dimethylphthalate	9.57	163	620840	41.703	ng		99
50) 2,6-Dinitrotoluene	9.63	165	122530	44.480	ng		94
51) Acenaphthene	9.88	154	443604	36.993	ng		99
52) 3-Nitroaniline	9.80	138	143968	44.642	ng		96
53) 2,4-Dinitrophenol	9.90	184	5928	12.604	ng	#	25
54) Dibenzofuran	10.05	168	617800	36.968	ng		98
55) 4-Nitrophenol	9.95	139	93066	36.737	ng		99
56) 2,4-Dinitrotoluene	10.03	165	141700	39.215	ng		97
57) Fluorene	10.40	166	452916	37.234	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	109541	34.976	ng		95
59) Diethylphthalate	10.27	149	570843	38.501	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	218210	40.281	ng		100
61) 4-Nitroaniline	10.42	138	133080	42.204	ng		92
62) Azobenzene	10.55	77	484107	34.176	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	14185	15.902	ng		89
65) n-Nitrosodiphenylamine	10.51	169	417193	41.727	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	127348	41.519	ng		91
67) Hexachlorobenzene	10.94	284	137615	39.873	ng	#	87
68) Atrazine	11.03	200	113930	37.751	ng		100
69) Pentachlorophenol	11.13	266	96014	44.968	ng		97
70) Phenanthrene	11.36	178	614492	38.265	ng		99
71) Anthracene	11.41	178	622044	38.106	ng		99
72) Carbazole	11.57	167	602923	37.798	ng		99
73) Di-n-butylphthalate	11.90	149	757425	38.872	ng		99
74) Fluoranthene	12.55	202	672730	40.095	ng		98
76) Benzidine	12.67	184	402319	42.505	ng		99
77) Pyrene	12.78	202	719186	34.145	ng		98
79) Butylbenzylphthalate	13.40	149	336348	33.896	ng		98
80) Benzo(a)anthracene	13.97	228	655584	38.618	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	266693	42.134	ng		98
82) Chrysene	14.01	228	657652	37.716	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	483447	37.877	ng		99
84) Di-n-octyl phthalate	14.58	149	860818	40.363	ng		96
85) Indeno(1,2,3-cd)pyrene	16.89	276	462105	31.197	ng		97
87) Benzo(b)fluoranthene	15.02	252	563149	41.013	ng		97
88) Benzo(k)fluoranthene	15.05	252	550576	42.472	ng		98
89) Benzo(a)pyrene	15.38	252	485541	39.521	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	383120	37.969	ng		99
91) Benzo(g,h,i)perylene	17.33	276	373104	38.166	ng		96

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

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