Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099061.D
Acq On : 4 Oct 2017 6:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 04 08:26:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	105880	20.00	ng		-0.05
21) Naphthalene-d8	8.16	136	386734	20.00	ng		-0.05
38) Acenaphthene-d10	9.91	164	137074	20.00	ng		-0.05
63) Phenanthrene-d10	11.40	188	213173	20.00	ng		-0.05
75) Chrysene-d12	14.04	240	221307	20.00	ng		-0.05
86) Perylene-d12	15.51	264	220855	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	580834	87.33	ng		-0.05
7) Phenol-d6	6.50	99	677476	82.57	ng		-0.04
23) Nitrobenzene-d5	7.44	82	537073	89.06	ng		-0.05
41) 2,4,6-Tribromophenol	10.70	330	87974	78.43	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	849391	103.45	ng		-0.05
78) Terphenyl-d14	12.98	244	710519	73.01	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	135884	42.769	ng		97
3) Pyridine	3.41	79	357599	41.606	ng		97
4) n-Nitrosodimethylamine	3.37	42	146481	40.190	ng		89
6) Aniline	6.54	93	437771	39.532	ng		98
8) 2-Chlorophenol	6.66	128	314808	41.795	ng		98
9) Benzaldehyde	6.43	77	180535	37.932	ng		96
10) Phenol	6.52	94	399628	43.550	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	297488	41.702	ng		98
12) 1,3-Dichlorobenzene	6.82	146	332381	42.136	ng		98
13) 1,4-Dichlorobenzene	6.89	146	338089	42.125	ng		99
14) 1,2-Dichlorobenzene	7.05	146	308908	41.655	ng		100
15) Benzyl Alcohol	7.02	79	230784	38.341	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	431739	38.845	ng		99
17) 2-Methylphenol	7.12	107	241344	39.160	ng		97
18) Hexachloroethane	7.39	117	107224	37.169	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	191597	36.575	ng		95
20) 3+4-Methylphenols	7.27	107	296646	38.048	ng		93
22) Acetophenone	7.29	105	401755	42.877	ng	#	95
24) Nitrobenzene	7.46	77	295109	43.140	ng		99
25) Isophorone	7.69	82	504412	40.457	ng		99
26) 2-Nitrophenol	7.77	139	149145	45.339	ng		89
27) 2,4-Dimethylphenol	7.80	122	251076	40.415	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	335070	43.124	ng		100
29) 2,4-Dichlorophenol	8.01	162	221336	41.497	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	225951	42.355	ng		98
31) Naphthalene	8.18	128	757746	41.718	ng		100
32) Benzoic acid	7.91	122	125426	24.579	ng		98
33) 4-Chloroaniline	8.23	127	304266	40.114	ng		96
34) Hexachlorobutadiene	8.29	225	120692	43.924	ng		99
35) Caprolactam	8.59	113	58379	34.121	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	216503	36.113	ng		98
37) 2-Methylnaphthalene	8.87	142	455772	38.599	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	203095	49.682	ng		99
40) Hexachlorocyclopentadiene	9.02	237	15195	8.134	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	128604	44.407	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	125090	43.269	ng		99
45) 1,1'-Biphenyl	9.33	154	565402	47.994	ng		98
46) 2-Chloronaphthalene	9.36	162	404553	45.737	ng		97
47) 2-Nitroaniline	9.45	65	114586	42.308	ng		99
48) Acenaphthylene	9.77	152	583480	43.091	ng		100
49) Dimethylphthalate	9.63	163	468226	45.259	ng		100
50) 2,6-Dinitrotoluene	9.69	165	96462	42.828	ng		98
51) Acenaphthene	9.95	154	348453	40.625	ng		99
52) 3-Nitroaniline	9.86	138	109755	41.792	ng		94
53) 2,4-Dinitrophenol	9.97	184	12620	15.806	ng		96
54) Dibenzofuran	10.12	168	475225	41.612	ng		98
55) 4-Nitrophenol	10.02	139	76827	34.597	ng		88
56) 2,4-Dinitrotoluene	10.10	165	117865	40.322	ng	#	88
57) Fluorene	10.46	166	373425	40.682	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	73909	37.009	ng		99
59) Diethylphthalate	10.33	149	421069	41.652	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	172178	41.758	ng		93
61) 4-Nitroaniline	10.47	138	100169	39.535	ng		90
62) Azobenzene	10.61	77	352576	37.932	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	30158	23.252	ng		90
65) n-Nitrosodiphenylamine	10.57	169	331318	44.864	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	90799	43.515	ng		94
67) Hexachlorobenzene	11.01	284	97256	43.640	ng	#	90
68) Atrazine	11.09	200	94831	42.680	ng		97
69) Pentachlorophenol	11.20	266	49152	35.438	ng		97
70) Phenanthrene	11.42	178	497928	43.637	ng		98
71) Anthracene	11.47	178	508837	43.583	ng		99
72) Carbazole	11.63	167	507535	44.391	ng		99
73) Di-n-butylphthalate	11.95	149	605486	43.998	ng		98
74) Fluoranthene	12.61	202	550397	47.635	ng		100
76) Benzidine	12.73	184	333867	40.788	ng		99
77) Pyrene	12.84	202	583965	34.604	ng		100
79) Butylbenzylphthalate	13.45	149	294193	37.094	ng		95
80) Benzo(a)anthracene	14.03	228	562108	41.946	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	219154	44.611	ng		99
82) Chrysene	14.07	228	541538	42.447	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	429418	39.322	ng	#	99
84) Di-n-octyl phthalate	14.62	149	810635	46.099	ng		97
85) Indeno(1,2,3-cd)pyrene	17.00	276	471330	46.183	ng		96
87) Benzo(b)fluoranthene	15.08	252	582777	42.917	ng	#	97
88) Benzo(k)fluoranthene	15.11	252	525098	39.151	ng		98
89) Benzo(a)pyrene	15.45	252	521285	41.821	ng	#	96
90) Dibenzo(a,h)anthracene	17.02	278	393592	39.456	ng		97
91) Benzo(g,h,i)perylene	17.45	276	362330	36.746	ng		97

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

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