Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094766.D
Acq On : 1 May 2017 23:36
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 02 04:23:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	108522	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	418484	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	176217	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	266678	20.00	ng		0.00
75) Chrysene-d12	14.47	240	206420	20.00	ng		0.00
86) Perylene-d12	16.09	264	176266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	522569	79.89	ng		0.02
7) Phenol-d6	5.40	99	586808	76.10	ng		0.00
23) Nitrobenzene-d5	6.41	82	541717	79.93	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	106593	77.33	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1006287	84.02	ng		0.00
78) Terphenyl-d14	13.19	244	687312	89.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	153650	40.39	ng		93
3) Pyridine	2.62	79	283754	34.13	ng		98
4) n-Nitrosodimethylamine	2.58	42	124483	36.18	ng		84
6) Aniline	5.40	93	331261	32.32	ng		92
8) 2-Chlorophenol	5.54	128	300541	40.38	ng		95
9) Benzaldehyde	5.27	77	251457	42.87	ng		98
10) Phenol	5.41	94	353950	37.36	ng		96
11) bis(2-Chloroethyl)ether	5.47	93	269774	38.98	ng		98
12) 1,3-Dichlorobenzene	5.70	146	337622	40.94	ng		98
13) 1,4-Dichlorobenzene	5.78	146	340839	41.08	ng		94
14) 1,2-Dichlorobenzene	5.95	146	301755	39.48	ng		96
15) Benzyl Alcohol	5.94	79	220823	38.60	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	354898	39.11	ng	#	17
17) 2-Methylphenol	6.09	107	234573	40.01	ng	#	91
18) Hexachloroethane	6.34	117	107701	37.87	ng		90
19) n-Nitroso-di-n-propylamine	6.25	70	199814	39.11	ng		95
20) 3+4-Methylphenols	6.27	107	309232	38.82	ng	#	61
22) Acetophenone	6.24	105	404374	39.74	ng	#	86
24) Nitrobenzene	6.44	77	274940	38.52	ng		95
25) Isophorone	6.72	82	492765	39.22	ng		96
26) 2-Nitrophenol	6.81	139	155900	40.66	ng		95
27) 2,4-Dimethylphenol	6.89	122	244207	39.21	ng		96
28) bis(2-Chloroethoxy)methane	6.98	93	327204	40.26	ng		100
29) 2,4-Dichlorophenol	7.11	162	243263	41.99	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	245795	41.03	ng		99
31) Naphthalene	7.28	128	796497	39.59	ng		99
32) Benzoic acid	7.08	122	128792	39.11	ng		96
33) 4-Chloroaniline	7.36	127	292349	34.93	ng		95
34) Hexachlorobutadiene	7.44	225	124524	41.70	ng		99
35) Caprolactam	7.81	113	66875m	36.74	ng		
36) 4-Chloro-3-methylphenol	7.99	107	229630	37.82	ng		92
37) 2-Methylnaphthalene	8.12	142	539126	39.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	212943	42.44	ng		99
40) Hexachlorocyclopentadiene	8.31	237	25463	12.54	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	148977	42.28	ng		99
43) 2,4,5-Trichlorophenol	8.55	196	151605	41.89	ng	#	93
45) 1,1'-Biphenyl	8.70	154	623621	43.31	ng		99
46) 2-Chloronaphthalene	8.71	162	476724	41.64	ng		94
47) 2-Nitroaniline	8.86	65	132906	40.36	ng		86
48) Acenaphthylene	9.22	152	746502	41.83	ng		99
49) Dimethylphthalate	9.09	163	572631	43.60	ng		99
50) 2,6-Dinitrotoluene	9.17	165	122418	41.53	ng		97
51) Acenaphthene	9.43	154	411424	38.49	ng		99
52) 3-Nitroaniline	9.37	138	129520	37.98	ng		90
53) 2,4-Dinitrophenol	9.52	184	18411	16.44	ng	#	77
54) Dibenzofuran	9.65	168	635746	40.92	ng		96
55) 4-Nitrophenol	9.63	139	16539m	6.86	ng		
56) 2,4-Dinitrotoluene	9.67	165	150916	41.73	ng	#	97
57) Fluorene	10.07	166	482713	39.90	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	105830	40.80	ng	#	96
59) Diethylphthalate	9.95	149	520892	42.04	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	217909	43.28	ng		94
61) 4-Nitroaniline	10.12	138	108571	31.32	ng		97
62) Azobenzene	10.27	77	478691	39.79	ng		96
64) 4,6-Dinitro-2-methylphenol	10.17	198	43123	24.68	ng	#	74
65) n-Nitrosodiphenylamine	10.22	169	433654	46.76	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	125698	47.47	ng		99
67) Hexachlorobenzene	10.74	284	120349	45.10	ng	#	85
68) Atrazine	10.90	200	127150	45.83	ng		96
69) Pentachlorophenol	11.00	266	51958	49.03	ng		98
70) Phenanthrene	11.24	178	623463	41.52	ng		99
71) Anthracene	11.31	178	653332	42.06	ng		99
72) Carbazole	11.52	167	566937	38.88	ng		97
73) Di-n-butylphthalate	11.97	149	764609	47.63	ng		99
74) Fluoranthene	12.71	202	601769	38.66	ng		99
76) Benzidine	12.88	184	74229	8.88	ng	#	93
77) Pyrene	12.98	202	601500	41.71	ng		98
79) Butylbenzylphthalate	13.80	149	286370	45.31	ng		88
80) Benzo(a)anthracene	14.45	228	500418	41.71	ng		98
81) 3,3'-Dichlorobenzidine	14.43	252	166592	39.22	ng	#	96
82) Chrysene	14.50	228	457561	41.73	ng		97
83) Bis(2-ethylhexyl)phthalate	14.52	149	417320	49.18	ng	#	99
84) Di-n-octyl phthalate	15.27	149	711666	50.00	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	387847	37.18	ng		99
87) Benzo(b)fluoranthene	15.69	252	430787	39.95	ng		99
88) Benzo(k)fluoranthene	15.72	252	437471	42.87	ng	#	94
89) Benzo(a)pyrene	16.04	252	409354	40.81	ng		98
90) Dibenzo(a,h)anthracene	17.39	278	326643	39.21	ng		98
91) Benzo(g,h,i)perylene	17.75	276	323636	38.16	ng		97

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

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