Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083151.D
Acq On : 22 Nov 2015 11:23
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 23 03:57:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	195705	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	766244	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	393966	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	710890	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	587255	20.00	ng		-0.01
86) Perylene-d12	15.15	264	514379	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1027917	79.41	ng		-0.03
7) Phenol-d6	6.32	99	1328724	79.33	ng		-0.02
23) Nitrobenzene-d5	7.22	82	1292831	77.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	297608	73.84	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	2074521	73.43	ng		0.00
78) Terphenyl-d14	12.75	244	2004945	80.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	253609	39.55	ng		97
3) Pyridine	2.82	79	721427	42.60	ng		98
4) n-Nitrosodimethylamine	2.74	42	350104	44.82	ng		100
6) Aniline	6.32	93	892401	43.60	ng		91
8) 2-Chlorophenol	6.44	128	567332	40.57	ng		91
9) Benzaldehyde	6.19	77	354692	43.26	ng		93
10) Phenol	6.33	94	805983	39.78	ng		93
11) bis(2-Chloroethyl)ether	6.40	93	629544	43.51	ng		99
12) 1,3-Dichlorobenzene	6.59	146	639109m	40.02	ng		
13) 1,4-Dichlorobenzene	6.67	146	633390	39.21	ng		93
14) 1,2-Dichlorobenzene	6.82	146	542628	36.96	ng		96
15) Benzyl Alcohol	6.82	79	519607	37.13	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1006345	44.61	ng	#	63
17) 2-Methylphenol	6.94	107	454172	39.25	ng		95
18) Hexachloroethane	7.16	117	228479	40.16	ng	#	87
19) n-Nitroso-di-n-propylamine	7.08	70	453970	38.95	ng		99
20) 3+4-Methylphenols	7.10	107	602121	41.16	ng		97
22) Acetophenone	7.07	105	834761	37.95	ng	#	97
24) Nitrobenzene	7.24	77	707391	39.48	ng		99
25) Isophorone	7.50	82	1253951	39.49	ng		98
26) 2-Nitrophenol	7.56	139	314116	39.71	ng		97
27) 2,4-Dimethylphenol	7.62	122	513928	40.71	ng		94
28) bis(2-Chloroethoxy)methane	7.70	93	699401	37.89	ng		99
29) 2,4-Dichlorophenol	7.82	162	473030	39.40	ng		96
30) 1,2,4-Trichlorobenzene	7.88	180	497900	37.75	ng		96
31) Naphthalene	7.96	128	1628501	39.38	ng		99
32) Benzoic acid	7.77	122	423312	43.14	ng		96
33) 4-Chloroaniline	8.02	127	655542	40.86	ng		97
34) Hexachlorobutadiene	8.09	225	297113	38.12	ng		98
35) Caprolactam	8.42	113	151099	39.27	ng		92
36) 4-Chloro-3-methylphenol	8.52	107	544396	39.14	ng		94
37) 2-Methylnaphthalene	8.65	142	975228	36.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	488321	38.24	ng		99
40) Hexachlorocyclopentadiene	8.81	237	232817	32.07	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	342463	37.45	ng		97
43) 2,4,5-Trichlorophenol	8.98	196	359506	38.45	ng	#	84
45) 1,1'-Biphenyl	9.12	154	1226486	36.58	ng		97
46) 2-Chloronaphthalene	9.14	162	1000543	37.99	ng		96
47) 2-Nitroaniline	9.24	65	374749	40.22	ng		97
48) Acenaphthylene	9.55	152	1602502	39.26	ng		99
49) Dimethylphthalate	9.44	163	1157920	38.18	ng	#	98
50) 2,6-Dinitrotoluene	9.48	165	246622	36.24	ng		96
51) Acenaphthene	9.72	154	940349	37.86	ng		99
52) 3-Nitroaniline	9.66	138	271460	37.41	ng	#	68
53) 2,4-Dinitrophenol	9.76	184	128793	32.85	ng		87
54) Dibenzofuran	9.90	168	1336187	38.04	ng		98
55) 4-Nitrophenol	9.84	139	201250	36.17	ng		93
56) 2,4-Dinitrotoluene	9.88	165	308693	35.80	ng		96
57) Fluorene	10.24	166	1065888	36.72	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.02	232	291679	38.03	ng		97
59) Diethylphthalate	10.12	149	1083870	35.90	ng		97
60) 4-Chlorophenyl-phenylether	10.23	204	464825	34.96	ng		99
61) 4-Nitroaniline	10.27	138	287930	40.30	ng		93
62) Azobenzene	10.39	77	1296231	37.62	ng		99
64) 4,6-Dinitro-2-methylphenol	10.30	198	200059	40.84	ng		93
65) n-Nitrosodiphenylamine	10.35	169	920696	38.08	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	316438	40.11	ng		96
67) Hexachlorobenzene	10.78	284	316165	36.39	ng	#	88
68) Atrazine	10.89	200	297023	42.30	ng		99
69) Pentachlorophenol	10.98	266	213906	37.80	ng		99
70) Phenanthrene	11.19	178	1519638	37.10	ng		100
71) Anthracene	11.24	178	1650693	39.50	ng		99
72) Carbazole	11.40	167	1522399	40.99	ng		99
73) Di-n-butylphthalate	11.75	149	1759958	38.82	ng		98
74) Fluoranthene	12.37	202	1577079	37.62	ng		97
76) Benzidine	12.50	184	693367	45.05	ng		98
77) Pyrene	12.59	202	1606997	40.05	ng		99
79) Butylbenzylphthalate	13.23	149	802051	42.24	ng		88
80) Benzo(a)anthracene	13.78	228	1463380	40.29	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	480944	38.05	ng	#	97
82) Chrysene	13.82	228	1297342m	38.52	ng		
83) Bis(2-ethylhexyl)phthalate	13.79	149	1016714	41.00	ng	#	95
84) Di-n-octyl phthalate	14.40	149	1738871	40.73	ng		97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1207044	39.40	ng		97
87) Benzo(b)fluoranthene	14.79	252	1419958m	40.40	ng		
88) Benzo(k)fluoranthene	14.81	252	975985m	37.27	ng		
89) Benzo(a)pyrene	15.10	252	1105830	38.11	ng	#	95
90) Dibenzo(a,h)anthracene	16.43	278	991659	37.62	ng		97
91) Benzo(g,h,i)perylene	16.80	276	959920	37.31	ng		97

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

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