Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083175.D
Acq On : 22 Nov 2015 23:08
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 23 05:55:06 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	192679	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	752292	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	374184	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	690677	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	519038	20.00	ng		-0.01
86) Perylene-d12	15.15	264	482584	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1018201	79.89	ng		-0.03
7) Phenol-d6	6.32	99	1317175	79.88	ng		-0.02
23) Nitrobenzene-d5	7.22	82	1238435	75.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	294949	77.05	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	1925452	71.75	ng		-0.01
78) Terphenyl-d14	12.75	244	1912981	86.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	240621	38.11	ng		96
3) Pyridine	2.80	79	673429m	40.39	ng		
4) n-Nitrosodimethylamine	2.73	42	339348	44.13	ng		98
6) Aniline	6.32	93	915060	45.41	ng		92
8) 2-Chlorophenol	6.44	128	552056	40.09	ng		89
9) Benzaldehyde	6.19	77	352162	43.80	ng		100
10) Phenol	6.33	94	817508	40.98	ng		85
11) bis(2-Chloroethyl)ether	6.40	93	601544	42.23	ng		98
12) 1,3-Dichlorobenzene	6.59	146	617176m	39.26	ng		
13) 1,4-Dichlorobenzene	6.67	146	608665m	38.27	ng		
14) 1,2-Dichlorobenzene	6.82	146	576430	39.88	ng		98
15) Benzyl Alcohol	6.81	79	498283	36.16	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1001036	45.07	ng	#	63
17) 2-Methylphenol	6.94	107	454413	39.88	ng		94
18) Hexachloroethane	7.16	117	225688	40.29	ng		92
19) n-Nitroso-di-n-propylamine	7.08	70	468392	40.82	ng		96
20) 3+4-Methylphenols	7.10	107	603724	41.92	ng		97
22) Acetophenone	7.07	105	827603	38.32	ng	#	99
24) Nitrobenzene	7.24	77	711348	40.44	ng		97
25) Isophorone	7.48	82	1205908	38.69	ng		97
26) 2-Nitrophenol	7.56	139	300523	38.70	ng		95
27) 2,4-Dimethylphenol	7.62	122	518505	41.83	ng		93
28) bis(2-Chloroethoxy)methane	7.70	93	674803	37.23	ng		99
29) 2,4-Dichlorophenol	7.82	162	452543	38.39	ng		95
30) 1,2,4-Trichlorobenzene	7.88	180	496724	38.36	ng		95
31) Naphthalene	7.96	128	1597930	39.36	ng		99
32) Benzoic acid	7.77	122	355359m	36.89	ng		
33) 4-Chloroaniline	8.02	127	658004	41.77	ng		95
34) Hexachlorobutadiene	8.09	225	288041	37.64	ng		98
35) Caprolactam	8.41	113	136546	36.14	ng		95
36) 4-Chloro-3-methylphenol	8.52	107	516865	37.85	ng		97
37) 2-Methylnaphthalene	8.65	142	961709	36.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	489743	40.38	ng		98
40) Hexachlorocyclopentadiene	8.81	237	226770	32.88	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	328572	37.83	ng		96
43) 2,4,5-Trichlorophenol	8.98	196	331441	37.32	ng	#	84
45) 1,1'-Biphenyl	9.12	154	1248659	39.21	ng		97
46) 2-Chloronaphthalene	9.14	162	996048	39.82	ng		98
47) 2-Nitroaniline	9.24	65	371986	42.04	ng		93
48) Acenaphthylene	9.55	152	1601572	41.31	ng		99
49) Dimethylphthalate	9.43	163	1052604	36.54	ng		99
50) 2,6-Dinitrotoluene	9.48	165	239670	37.08	ng		92
51) Acenaphthene	9.72	154	968831	41.06	ng		100
52) 3-Nitroaniline	9.66	138	269797	39.15	ng	#	67
53) 2,4-Dinitrophenol	9.76	184	64711	17.38	ng		90
54) Dibenzofuran	9.90	168	1336380	40.06	ng		97
55) 4-Nitrophenol	9.84	139	177701	33.63	ng		96
56) 2,4-Dinitrotoluene	9.88	165	313168	38.24	ng		92
57) Fluorene	10.24	166	1040331	37.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	272995	37.47	ng		97
59) Diethylphthalate	10.12	149	1085623	37.86	ng		97
60) 4-Chlorophenyl-phenylether	10.23	204	445925	35.31	ng		98
61) 4-Nitroaniline	10.27	138	300048	44.22	ng		95
62) Azobenzene	10.39	77	1288148	39.36	ng		99
64) 4,6-Dinitro-2-methylphenol	10.30	198	123798	26.01	ng		84
65) n-Nitrosodiphenylamine	10.35	169	923534	39.31	ng		100
66) 4-Bromophenyl-phenylether	10.72	248	299680	39.10	ng		97
67) Hexachlorobenzene	10.78	284	310320	36.77	ng	#	91
68) Atrazine	10.89	200	291029	42.66	ng		96
69) Pentachlorophenol	10.98	266	176698	32.14	ng		98
70) Phenanthrene	11.19	178	1519209	38.18	ng		99
71) Anthracene	11.24	178	1559628	38.42	ng		99
72) Carbazole	11.40	167	1454243	40.30	ng		99
73) Di-n-butylphthalate	11.74	149	1710851	38.84	ng		99
74) Fluoranthene	12.37	202	1488078	36.54	ng		96
76) Benzidine	12.50	184	670085	49.26	ng		99
77) Pyrene	12.59	202	1535600	43.31	ng		99
79) Butylbenzylphthalate	13.23	149	743929	44.33	ng	#	85
80) Benzo(a)anthracene	13.78	228	1369237	42.65	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	429891	38.48	ng	#	97
82) Chrysene	13.82	228	1293031	43.43	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1020097	46.54	ng	#	95
84) Di-n-octyl phthalate	14.40	149	1639146	43.44	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.42	276	1176675	43.46	ng		97
87) Benzo(b)fluoranthene	14.78	252	1072953m	32.54	ng		
88) Benzo(k)fluoranthene	14.81	252	1160677m	47.25	ng		
89) Benzo(a)pyrene	15.10	252	1009932	37.10	ng	#	96
90) Dibenzo(a,h)anthracene	16.43	278	983135	39.76	ng		99
91) Benzo(g,h,i)perylene	16.79	276	945572	39.17	ng	#	93

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

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