Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082400.D
Acq On : 21 Oct 2015 12:55
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 22 15:38:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	162374m	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	643452	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	311561	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	594689	20.00	ng		0.00
75) Chrysene-d12	14.01	240	467936	20.00	ng		0.00
86) Perylene-d12	15.53	264	355198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	648257	80.57	ng		0.00
7) Phenol-d6	6.42	99	805028	76.89	ng		0.00
23) Nitrobenzene-d5	7.35	82	741364	77.37	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	204104	69.85	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1355034	72.13	ng		0.00
78) Terphenyl-d14	12.90	244	1384450	78.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	146129	36.15	ng		98
3) Pyridine	2.99	79	404314	43.01	ng		98
4) n-Nitrosodimethylamine	2.97	42	165173	41.42	ng		96
6) Aniline	6.45	93	546927	40.52	ng		97
8) 2-Chlorophenol	6.56	128	387089	39.41	ng		91
9) Benzaldehyde	6.32	77	225127	42.11	ng		100
10) Phenol	6.43	94	432187m	35.80	ng		
11) bis(2-Chloroethyl)ether	6.51	93	363233	35.58	ng		92
12) 1,3-Dichlorobenzene	6.71	146	426083m	37.25	ng		
13) 1,4-Dichlorobenzene	6.79	146	441815m	36.99	ng		
14) 1,2-Dichlorobenzene	6.95	146	415079	36.60	ng	#	91
15) Benzyl Alcohol	6.93	79	282576	39.10	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	539022	37.92	ng		96
17) 2-Methylphenol	7.04	107	297146	38.26	ng		98
18) Hexachloroethane	7.28	117	156678	38.32	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	269074m	36.60	ng		
20) 3+4-Methylphenols	7.20	107	342215	36.98	ng		94
22) Acetophenone	7.20	105	513215	40.32	ng		94
24) Nitrobenzene	7.37	77	422773	40.76	ng		95
25) Isophorone	7.61	82	753435	38.96	ng		96
26) 2-Nitrophenol	7.68	139	198619	38.35	ng	#	80
27) 2,4-Dimethylphenol	7.73	122	321037	38.48	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	443466	39.41	ng		99
29) 2,4-Dichlorophenol	7.93	162	349484	41.90	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	374203	38.92	ng		96
31) Naphthalene	8.09	128	1061790	38.07	ng		100
32) Benzoic acid	7.86	122	156410m	27.93	ng		
33) 4-Chloroaniline	8.15	127	453014	39.11	ng	#	94
34) Hexachlorobutadiene	8.19	225	210068	35.07	ng		97
35) Caprolactam	8.54	113	96115	39.71	ng	#	76
36) 4-Chloro-3-methylphenol	8.64	107	348279	42.70	ng	#	85
37) 2-Methylnaphthalene	8.78	142	723649	37.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	382197	41.24	ng		98
40) Hexachlorocyclopentadiene	8.93	237	131555	33.45	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	253018	41.11	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	263164	39.47	ng		99
45) 1,1'-Biphenyl	9.25	154	897055	37.76	ng		97
46) 2-Chloronaphthalene	9.27	162	695996	37.21	ng		94
47) 2-Nitroaniline	9.37	65	199427	38.84	ng		96
48) Acenaphthylene	9.68	152	1030722	35.38	ng		99
49) Dimethylphthalate	9.55	163	802535	36.58	ng		99
50) 2,6-Dinitrotoluene	9.62	165	201033	43.43	ng		98
51) Acenaphthene	9.85	154	633075	36.20	ng		99
52) 3-Nitroaniline	9.79	138	229080	43.81	ng		100
53) 2,4-Dinitrophenol	9.90	184	83488	36.09	ng		95
54) Dibenzofuran	10.02	168	911140	37.94	ng		96
55) 4-Nitrophenol	9.97	139	118541	40.68	ng		89
56) 2,4-Dinitrotoluene	10.02	165	220946	38.19	ng	#	85
57) Fluorene	10.37	166	714774	36.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	198462	36.43	ng		98
59) Diethylphthalate	10.25	149	823333	40.26	ng		100
60) 4-Chlorophenyl-phenylether	10.37	204	389403	43.10	ng	#	87
61) 4-Nitroaniline	10.41	138	210213	41.45	ng		97
62) Azobenzene	10.53	77	838944	41.92	ng		93
64) 4,6-Dinitro-2-methylphenol	10.43	198	125406	37.58	ng		75
65) n-Nitrosodiphenylamine	10.49	169	746728	41.94	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	234031	39.32	ng	#	86
67) Hexachlorobenzene	10.91	284	233690	36.31	ng	#	74
68) Atrazine	11.02	200	191747	33.99	ng		99
69) Pentachlorophenol	11.12	266	118031	35.64	ng		98
70) Phenanthrene	11.34	178	1187513	40.74	ng		100
71) Anthracene	11.38	178	1098410	36.57	ng		99
72) Carbazole	11.54	167	973653	35.53	ng		99
73) Di-n-butylphthalate	11.88	149	1352311	40.01	ng		100
74) Fluoranthene	12.53	202	1247345	39.84	ng		97
76) Benzidine	12.65	184	529053	39.01	ng		99
77) Pyrene	12.76	202	1241576	44.71	ng		99
79) Butylbenzylphthalate	13.40	149	582582	45.97	ng		91
80) Benzo(a)anthracene	13.99	228	919865	37.78	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	385649	41.73	ng	#	97
82) Chrysene	14.04	228	922374	35.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	738889	40.87	ng		100
84) Di-n-octyl phthalate	14.68	149	1202934	38.74	ng		100
85) Indeno(1,2,3-cd)pyrene	16.95	276	737337	36.16	ng		98
87) Benzo(b)fluoranthene	15.13	252	890006	41.18	ng	#	95
88) Benzo(k)fluoranthene	15.16	252	637271m	35.08	ng		
89) Benzo(a)pyrene	15.48	252	707106	38.07	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	616113	40.48	ng		100
91) Benzo(g,h,i)perylene	17.36	276	602795	40.77	ng		98

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

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