Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082424.D
Acq On : 22 Oct 2015 1:15
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 22 11:16:41 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	6.77	152	168794	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	655301	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	322548	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	614319	20.00	ng		0.00
75) Chrysene-d12	13.97	240	540041	20.00	ng		-0.05
86) Perylene-d12	15.43	264	411145	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	685032	81.91	ng		0.00
7) Phenol-d6	6.42	99	836098	76.82	ng		0.00
23) Nitrobenzene-d5	7.35	82	742220	76.06	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	216182	71.47	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1356295	69.73	ng		0.00
78) Terphenyl-d14	12.89	244	1432140	70.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	152707	36.34	ng		99
3) Pyridine	2.99	79	399940	40.92	ng		98
4) n-Nitrosodimethylamine	2.97	42	167823	40.49	ng		98
6) Aniline	6.45	93	560007	39.91	ng		98
8) 2-Chlorophenol	6.56	128	396432	38.83	ng		96
9) Benzaldehyde	6.32	77	228703	41.15	ng		100
10) Phenol	6.43	94	472148	37.63	ng		75
11) bis(2-Chloroethyl)ether	6.51	93	367942	34.67	ng		93
12) 1,3-Dichlorobenzene	6.71	146	454045	38.19	ng		99
13) 1,4-Dichlorobenzene	6.79	146	469327	37.80	ng		99
14) 1,2-Dichlorobenzene	6.95	146	394214m	33.43	ng		
15) Benzyl Alcohol	6.93	79	283285	37.70	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	520753	35.24	ng		93
17) 2-Methylphenol	7.04	107	299758	37.13	ng		98
18) Hexachloroethane	7.28	117	164700	38.75	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	259920	34.01	ng	#	91
20) 3+4-Methylphenols	7.20	107	339147	35.25	ng		95
22) Acetophenone	7.20	105	530468	40.92	ng		93
24) Nitrobenzene	7.37	77	436118	41.29	ng		93
25) Isophorone	7.61	82	769392	39.07	ng		97
26) 2-Nitrophenol	7.68	139	208025	39.44	ng	#	83
27) 2,4-Dimethylphenol	7.73	122	324964	38.24	ng		100
28) bis(2-Chloroethoxy)methane	7.82	93	435826	38.03	ng		98
29) 2,4-Dichlorophenol	7.93	162	353379	41.60	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	372736	38.07	ng		97
31) Naphthalene	8.08	128	1049318	36.94	ng		100
32) Benzoic acid	7.89	122	168148	29.49	ng		97
33) 4-Chloroaniline	8.15	127	465133	39.43	ng	#	92
34) Hexachlorobutadiene	8.19	225	220263	36.11	ng		97
35) Caprolactam	8.55	113	103963	42.17	ng		97
36) 4-Chloro-3-methylphenol	8.63	107	331624	39.92	ng		97
37) 2-Methylnaphthalene	8.78	142	767488	38.97	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	369768	38.54	ng		98
40) Hexachlorocyclopentadiene	8.93	237	135786	33.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	253012	39.71	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	263350	38.15	ng		97
45) 1,1'-Biphenyl	9.25	154	960093	39.03	ng		96
46) 2-Chloronaphthalene	9.27	162	732930	37.85	ng		94
47) 2-Nitroaniline	9.37	65	211217	39.73	ng		90
48) Acenaphthylene	9.68	152	1049475	34.79	ng		99
49) Dimethylphthalate	9.55	163	836956	36.85	ng		100
50) 2,6-Dinitrotoluene	9.62	165	210593	43.94	ng		92
51) Acenaphthene	9.85	154	619392	34.21	ng		100
52) 3-Nitroaniline	9.79	138	231569	42.78	ng		99
53) 2,4-Dinitrophenol	9.90	184	80671	34.11	ng		99
54) Dibenzofuran	10.02	168	885506	35.62	ng		97
55) 4-Nitrophenol	9.97	139	113960	38.30	ng		89
56) 2,4-Dinitrotoluene	10.02	165	236538	39.49	ng	#	86
57) Fluorene	10.37	166	702959	34.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	214981	38.12	ng		99
59) Diethylphthalate	10.25	149	899547	42.49	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	378265	40.44	ng	#	81
61) 4-Nitroaniline	10.41	138	215238	40.99	ng		96
62) Azobenzene	10.53	77	834400	40.27	ng		87
64) 4,6-Dinitro-2-methylphenol	10.43	198	139378	40.43	ng		80
65) n-Nitrosodiphenylamine	10.49	169	754125	41.00	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	231317	37.62	ng	#	81
67) Hexachlorobenzene	10.91	284	247172	37.17	ng	#	79
68) Atrazine	11.02	200	209804	36.01	ng		99
69) Pentachlorophenol	11.11	266	125727	36.75	ng		96
70) Phenanthrene	11.33	178	1152987	38.29	ng		99
71) Anthracene	11.38	178	1184126	38.16	ng		98
72) Carbazole	11.54	167	1064114	37.59	ng		98
73) Di-n-butylphthalate	11.87	149	1421285	40.70	ng		99
74) Fluoranthene	12.51	202	1180067	36.49	ng		95
76) Benzidine	12.65	184	607589	38.82	ng		99
77) Pyrene	12.74	202	1243012	38.78	ng		99
79) Butylbenzylphthalate	13.37	149	588868	40.26	ng		99
80) Benzo(a)anthracene	13.96	228	1000006	35.59	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	393551	36.90	ng		99
82) Chrysene	13.99	228	960136	32.43	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	805922	38.62	ng		99
84) Di-n-octyl phthalate	14.58	149	1295535	36.15	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	835074	35.49	ng		98
87) Benzo(b)fluoranthene	15.02	252	850351m	34.00	ng		
88) Benzo(k)fluoranthene	15.05	252	939091m	44.67	ng		
89) Benzo(a)pyrene	15.37	252	814966	37.91	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	690460	39.19	ng		99
91) Benzo(g,h,i)perylene	17.24	276	682724	39.89	ng		98

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

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