Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084062.D
Acq On : 24 Dec 2015 4:45
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 24 05:09:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	49506	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	204647	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	89747	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	150856	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	97204	20.00	ng		-0.01
86) Perylene-d12	15.41	264	87465	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	234377	80.72	ng		0.00
7) Phenol-d6	6.48	99	269125	78.83	ng		0.00
23) Nitrobenzene-d5	7.39	82	261325	78.45	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	63137	73.14	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	501131	75.15	ng		-0.01
78) Terphenyl-d14	12.92	244	361527	88.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	44695	32.33	ng		98
3) Pyridine	3.10	79	117660	37.39	ng		99
4) n-Nitrosodimethylamine	3.05	42	50380	43.08	ng		90
6) Aniline	6.49	93	193361	40.93	ng	#	77
8) 2-Chlorophenol	6.61	128	145672	43.57	ng		94
9) Benzaldehyde	6.36	77	92140	40.41	ng		95
10) Phenol	6.49	94	148346	37.56	ng	#	55
11) bis(2-Chloroethyl)ether	6.56	93	118745	39.35	ng		97
12) 1,3-Dichlorobenzene	6.76	146	155320	41.81	ng		98
13) 1,4-Dichlorobenzene	6.84	146	160142m	44.15	ng		
14) 1,2-Dichlorobenzene	6.99	146	139623	40.26	ng		97
15) Benzyl Alcohol	6.97	79	115940	43.13	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.10	45	112446	38.59	ng		61
17) 2-Methylphenol	7.09	107	104016	39.05	ng	#	91
18) Hexachloroethane	7.33	117	55667	41.85	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	88783	42.92	ng	#	88
20) 3+4-Methylphenols	7.25	107	143845	43.77	ng	#	47
22) Acetophenone	7.24	105	202532	42.18	ng	#	91
24) Nitrobenzene	7.41	77	136767	39.84	ng	#	85
25) Isophorone	7.65	82	254782	40.36	ng	#	94
26) 2-Nitrophenol	7.72	139	65320	35.35	ng	#	79
27) 2,4-Dimethylphenol	7.78	122	129806	40.31	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	149031	38.12	ng		99
29) 2,4-Dichlorophenol	7.97	162	106793	37.12	ng		94
30) 1,2,4-Trichlorobenzene	8.05	180	124740	41.56	ng		97
31) Naphthalene	8.13	128	416010	39.79	ng		99
32) Benzoic acid	7.89	122	35981	26.84	ng		97
33) 4-Chloroaniline	8.18	127	159397	37.28	ng		98
34) Hexachlorobutadiene	8.25	225	67359	37.55	ng		99
35) Caprolactam	8.57	113	33591	38.85	ng		91
36) 4-Chloro-3-methylphenol	8.68	107	129371	42.04	ng		98
37) 2-Methylnaphthalene	8.82	142	265028	39.15	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	121618	45.08	ng		99
40) Hexachlorocyclopentadiene	8.98	237	8539	19.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	69749	42.93	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	70523	41.71	ng		98
45) 1,1'-Biphenyl	9.29	154	352928	44.48	ng		98
46) 2-Chloronaphthalene	9.31	162	240953	42.19	ng		98
47) 2-Nitroaniline	9.41	65	73637	47.29	ng	#	68
48) Acenaphthylene	9.72	152	361425	39.96	ng		99
49) Dimethylphthalate	9.60	163	301940	42.99	ng	#	91
50) 2,6-Dinitrotoluene	9.65	165	66103	44.60	ng	#	79
51) Acenaphthene	9.89	154	207358	38.56	ng		99
52) 3-Nitroaniline	9.82	138	71571	45.47	ng		82
53) 2,4-Dinitrophenol	9.94	184	2798	11.98	ng	#	74
54) Dibenzofuran	10.06	168	313922	39.00	ng	#	89
55) 4-Nitrophenol	10.01	139	26056	28.17	ng		95
56) 2,4-Dinitrotoluene	10.05	165	72614	38.97	ng	#	83
57) Fluorene	10.41	166	247784	38.85	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	43081	32.31	ng		89
59) Diethylphthalate	10.28	149	290352	42.07	ng		94
60) 4-Chlorophenyl-phenylether	10.40	204	114524	39.18	ng	#	76
61) 4-Nitroaniline	10.43	138	55714	34.59	ng		93
62) Azobenzene	10.56	77	257526	42.26	ng		88
64) 4,6-Dinitro-2-methylphenol	10.48	198	10674	12.10	ng		83
65) n-Nitrosodiphenylamine	10.52	169	232328	41.70	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	67612	39.09	ng	#	67
67) Hexachlorobenzene	10.97	284	74906	39.67	ng	#	86
68) Atrazine	11.05	200	61074	36.26	ng		99
69) Pentachlorophenol	11.16	266	15488	27.40	ng		98
70) Phenanthrene	11.37	178	325740	38.20	ng		100
71) Anthracene	11.42	178	352184	40.67	ng		99
72) Carbazole	11.57	167	281491	34.77	ng		99
73) Di-n-butylphthalate	11.90	149	408376	40.62	ng	#	98
74) Fluoranthene	12.56	202	294526	34.83	ng		97
76) Benzidine	12.67	184	85017	24.52	ng		99
77) Pyrene	12.78	202	286459	43.44	ng		99
79) Butylbenzylphthalate	13.40	149	149178	49.18	ng		90
80) Benzo(a)anthracene	13.97	228	227898	40.66	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	74990	35.58	ng	#	97
82) Chrysene	14.01	228	201439	38.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	204884	48.71	ng		99
84) Di-n-octyl phthalate	14.57	149	295189	45.64	ng		98
85) Indeno(1,2,3-cd)pyrene	16.82	276	196531	45.66	ng		99
87) Benzo(b)fluoranthene	15.00	252	213494m	38.72	ng		
88) Benzo(k)fluoranthene	15.04	252	225960m	43.09	ng		
89) Benzo(a)pyrene	15.36	252	211643	41.44	ng		100
90) Dibenzo(a,h)anthracene	16.82	278	167792	39.65	ng		98
91) Benzo(g,h,i)perylene	17.24	276	150032	35.05	ng		98

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

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