Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084040.D
Acq On : 23 Dec 2015 18:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 24 00:47:06 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	51421	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	210410	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	97804	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	183604	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	133050	20.00	ng		-0.01
86) Perylene-d12	15.41	264	89860	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	242334	80.35	ng		-0.01
7) Phenol-d6	6.46	99	299214	84.38	ng		-0.01
23) Nitrobenzene-d5	7.39	82	278787	81.40	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	79619	84.63	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	539803	74.28	ng		-0.01
78) Terphenyl-d14	12.92	244	505429	90.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	47234	32.90	ng		99
3) Pyridine	3.09	79	137187	41.97	ng		98
4) n-Nitrosodimethylamine	3.05	42	52124	42.91	ng		99
6) Aniline	6.49	93	194822	39.70	ng	#	76
8) 2-Chlorophenol	6.61	128	145385	41.86	ng		91
9) Benzaldehyde	6.36	77	96761	40.86	ng		95
10) Phenol	6.49	94	169032	41.21	ng		83
11) bis(2-Chloroethyl)ether	6.56	93	120418	38.42	ng		95
12) 1,3-Dichlorobenzene	6.76	146	160737	41.66	ng		98
13) 1,4-Dichlorobenzene	6.84	146	157424m	41.78	ng		
14) 1,2-Dichlorobenzene	6.99	146	148488	41.23	ng		98
15) Benzyl Alcohol	6.97	79	114246	40.92	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.10	45	118817	39.26	ng		91
17) 2-Methylphenol	7.09	107	116237	42.02	ng		94
18) Hexachloroethane	7.33	117	58637	42.44	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	89842	41.81	ng	#	89
20) 3+4-Methylphenols	7.24	107	139010	40.72	ng	#	81
22) Acetophenone	7.23	105	197361	39.98	ng		93
24) Nitrobenzene	7.41	77	132272	37.47	ng	#	79
25) Isophorone	7.65	82	260256	40.10	ng		96
26) 2-Nitrophenol	7.72	139	72220	38.02	ng	#	83
27) 2,4-Dimethylphenol	7.77	122	116717	35.25	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	160132	39.83	ng		99
29) 2,4-Dichlorophenol	7.97	162	120057	40.58	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	127421	41.29	ng		97
31) Naphthalene	8.13	128	423283	39.38	ng		98
32) Benzoic acid	7.89	122	39626	28.37	ng		92
33) 4-Chloroaniline	8.18	127	167914	38.20	ng		97
34) Hexachlorobutadiene	8.25	225	67607	36.66	ng		99
35) Caprolactam	8.57	113	36568	41.14	ng	#	64
36) 4-Chloro-3-methylphenol	8.67	107	128186	40.51	ng		90
37) 2-Methylnaphthalene	8.82	142	280678	40.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	128619	43.75	ng		99
40) Hexachlorocyclopentadiene	8.98	237	27109	36.24	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	79069	44.66	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	84067	45.62	ng	#	89
45) 1,1'-Biphenyl	9.29	154	373792	43.23	ng		98
46) 2-Chloronaphthalene	9.31	162	265852	42.71	ng		96
47) 2-Nitroaniline	9.41	65	71905	42.38	ng	#	49
48) Acenaphthylene	9.72	152	396565	40.23	ng		99
49) Dimethylphthalate	9.60	163	325993	42.60	ng	#	91
50) 2,6-Dinitrotoluene	9.65	165	74104	45.88	ng	#	88
51) Acenaphthene	9.89	154	233031	39.76	ng		100
52) 3-Nitroaniline	9.82	138	79125	46.12	ng	#	71
53) 2,4-Dinitrophenol	9.94	184	11496	22.97	ng		96
54) Dibenzofuran	10.06	168	344621	39.28	ng		90
55) 4-Nitrophenol	10.00	139	38750	38.44	ng	#	81
56) 2,4-Dinitrotoluene	10.05	165	84219	41.48	ng		88
57) Fluorene	10.41	166	275708	39.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	64812	44.61	ng		96
59) Diethylphthalate	10.28	149	310748	41.31	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	125232	39.32	ng	#	78
61) 4-Nitroaniline	10.43	138	68038	38.77	ng		96
62) Azobenzene	10.56	77	286629	43.16	ng		89
64) 4,6-Dinitro-2-methylphenol	10.46	198	31660	29.50	ng	#	47
65) n-Nitrosodiphenylamine	10.52	169	262758	38.75	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	79904	37.95	ng	#	71
67) Hexachlorobenzene	10.97	284	91126	39.65	ng	#	86
68) Atrazine	11.05	200	72105	35.17	ng		100
69) Pentachlorophenol	11.16	266	25935	35.09	ng		99
70) Phenanthrene	11.37	178	389357	37.52	ng		99
71) Anthracene	11.42	178	434962	41.27	ng		99
72) Carbazole	11.57	167	350168	35.54	ng		100
73) Di-n-butylphthalate	11.90	149	468879	38.32	ng	#	97
74) Fluoranthene	12.56	202	403501	39.21	ng		98
76) Benzidine	12.67	184	153131	32.27	ng		99
77) Pyrene	12.78	202	412559	45.70	ng		100
79) Butylbenzylphthalate	13.40	149	202139	48.69	ng	#	84
80) Benzo(a)anthracene	13.97	228	317860	41.43	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	100393	34.80	ng	#	95
82) Chrysene	14.01	228	262698	36.88	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	252850	43.92	ng	#	99
84) Di-n-octyl phthalate	14.57	149	354414	40.03	ng		98
85) Indeno(1,2,3-cd)pyrene	16.82	276	257163	43.65	ng		99
87) Benzo(b)fluoranthene	15.00	252	233895m	41.29	ng		
88) Benzo(k)fluoranthene	15.03	252	232119m	43.08	ng		
89) Benzo(a)pyrene	15.36	252	218283	41.60	ng		99
90) Dibenzo(a,h)anthracene	16.82	278	212581	48.89	ng		97
91) Benzo(g,h,i)perylene	17.24	276	213263	48.49	ng		97

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

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