Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084486.D
Acq On : 15 Jan 2016 11:08
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 15 11:34:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	296180	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	1224112	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	581860	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	1027390	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	740729	20.00	ng		-0.01
86) Perylene-d12	15.40	264	672990	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1496513	81.73	ng		-0.01
7) Phenol-d6	6.46	99	1852032	80.53	ng		-0.01
23) Nitrobenzene-d5	7.39	82	1591457	72.36	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	453439	77.19	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	2764279	83.46	ng		0.00
78) Terphenyl-d14	12.93	244	2383838	71.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	361837	41.71	ng	#	79
3) Pyridine	3.10	79	1020194	42.18	ng	#	78
4) n-Nitrosodimethylamine	3.06	42	452938	36.49	ng		88
6) Aniline	6.49	93	1215960	36.14	ng	#	89
8) 2-Chlorophenol	6.61	128	872077	41.98	ng		97
9) Benzaldehyde	6.37	77	541352	36.15	ng		86
10) Phenol	6.49	94	1018457	38.95	ng	#	66
11) bis(2-Chloroethyl)ether	6.57	93	890674	43.97	ng		91
12) 1,3-Dichlorobenzene	6.76	146	869200	40.56	ng	#	95
13) 1,4-Dichlorobenzene	6.84	146	894990	41.64	ng		96
14) 1,2-Dichlorobenzene	6.99	146	753588	36.62	ng		94
15) Benzyl Alcohol	6.97	79	674518	34.87	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1335121	36.20	ng		87
17) 2-Methylphenol	7.09	107	725186	41.65	ng		97
18) Hexachloroethane	7.33	117	331990	38.63	ng		92
19) n-Nitroso-di-n-propylamine	7.24	70	556647	35.76	ng	#	73
20) 3+4-Methylphenols	7.24	107	784506	38.33	ng	#	47
22) Acetophenone	7.24	105	1157106	39.31	ng	#	94
24) Nitrobenzene	7.41	77	948143	42.50	ng		99
25) Isophorone	7.65	82	1562303	37.14	ng		99
26) 2-Nitrophenol	7.73	139	457173	45.03	ng	#	88
27) 2,4-Dimethylphenol	7.78	122	789238	38.40	ng		86
28) bis(2-Chloroethoxy)methane	7.87	93	1053184	40.99	ng		97
29) 2,4-Dichlorophenol	7.97	162	675331	39.45	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	720378	40.76	ng		95
31) Naphthalene	8.13	128	2165648	38.99	ng		97
32) Benzoic acid	7.89	122	427202	34.36	ng		98
33) 4-Chloroaniline	8.19	127	1050206	41.25	ng	#	89
34) Hexachlorobutadiene	8.25	225	377235	37.13	ng		96
35) Caprolactam	8.57	113	213236	36.95	ng	#	52
36) 4-Chloro-3-methylphenol	8.68	107	738824	38.53	ng	#	87
37) 2-Methylnaphthalene	8.83	142	1544411	38.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	628411	37.57	ng		98
40) Hexachlorocyclopentadiene	8.98	237	333130	32.99	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	439211	35.10	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	471643	39.31	ng	#	91
45) 1,1'-Biphenyl	9.29	154	1740809	37.64	ng		97
46) 2-Chloronaphthalene	9.31	162	1340818	36.91	ng		97
47) 2-Nitroaniline	9.41	65	474912	39.61	ng		95
48) Acenaphthylene	9.73	152	2183156	40.68	ng		96
49) Dimethylphthalate	9.60	163	1446689	34.78	ng	#	90
50) 2,6-Dinitrotoluene	9.65	165	340643	37.34	ng	#	48
51) Acenaphthene	9.90	154	1478476	41.07	ng		99
52) 3-Nitroaniline	9.82	138	394078	34.86	ng		94
53) 2,4-Dinitrophenol	9.93	184	176299	46.90	ng	#	77
54) Dibenzofuran	10.08	168	1904402	40.55	ng		96
55) 4-Nitrophenol	10.00	139	302527	36.87	ng	#	81
56) 2,4-Dinitrotoluene	10.06	165	486816	42.16	ng	#	80
57) Fluorene	10.42	166	1475132	40.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	365863	35.72	ng		90
59) Diethylphthalate	10.29	149	1450947	35.38	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	622308	40.04	ng		95
61) 4-Nitroaniline	10.44	138	422960	41.97	ng		88
62) Azobenzene	10.57	77	1658847	36.88	ng		91
64) 4,6-Dinitro-2-methylphenol	10.46	198	233002	37.16	ng	#	69
65) n-Nitrosodiphenylamine	10.53	169	1355015	41.25	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	441219	39.90	ng	#	89
67) Hexachlorobenzene	10.97	284	478095	38.41	ng	#	85
68) Atrazine	11.06	200	384444	35.76	ng		98
69) Pentachlorophenol	11.16	266	241227	37.38	ng		98
70) Phenanthrene	11.38	178	2246962	41.81	ng		96
71) Anthracene	11.42	178	1958152	37.17	ng		97
72) Carbazole	11.58	167	1886705	36.63	ng		98
73) Di-n-butylphthalate	11.92	149	2134383	37.24	ng	#	95
74) Fluoranthene	12.56	202	2138664	38.10	ng		96
76) Benzidine	12.68	184	939824	35.39	ng		99
77) Pyrene	12.78	202	2227250	38.32	ng		98
79) Butylbenzylphthalate	13.41	149	959368	38.14	ng		91
80) Benzo(a)anthracene	13.97	228	1726497	39.70	ng		97
81) 3,3'-Dichlorobenzidine	13.95	252	708392	46.67	ng		99
82) Chrysene	14.02	228	1774528	42.46	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1160306	36.51	ng		98
84) Di-n-octyl phthalate	14.59	149	2111615	39.36	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.79	276	1521784	45.93	ng		97
87) Benzo(b)fluoranthene	15.00	252	1616121m	36.71	ng		
88) Benzo(k)fluoranthene	15.03	252	1481113m	41.14	ng		
89) Benzo(a)pyrene	15.35	252	1461614	39.14	ng	#	94
90) Dibenzo(a,h)anthracene	16.81	278	1244984	38.75	ng	#	96
91) Benzo(g,h,i)perylene	17.21	276	1297890	39.01	ng		99

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

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