Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011816\
Data File : BF084538.D
Acq On : 18 Jan 2016 14:54
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 18 23:59:33 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	6.80	152	291565	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	1210061	20.00	ng		-0.03
38) Acenaphthene-d10	9.84	164	465413	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	861448	20.00	ng		-0.03
75) Chrysene-d12	13.96	240	642100	20.00	ng		-0.03
86) Perylene-d12	15.36	264	542240	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1320762	73.27	ng		-0.05
7) Phenol-d6	6.44	99	1708833	75.48	ng		-0.03
23) Nitrobenzene-d5	7.37	82	1540891	70.87	ng		-0.03
41) 2,4,6-Tribromophenol	10.62	330	365705	77.83	ng		-0.05
44) 2-Fluorobiphenyl	9.16	172	2127186	80.03	ng		-0.03
78) Terphenyl-d14	12.91	244	2455087	85.35	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	329579	38.60	ng	#	77
3) Pyridine	3.05	79	1022901	42.96	ng	#	68
4) n-Nitrosodimethylamine	3.00	42	467381	38.25	ng	#	82
6) Aniline	6.46	93	1177774	35.56	ng		97
8) 2-Chlorophenol	6.58	128	788564	38.56	ng		86
9) Benzaldehyde	6.34	77	512361	34.76	ng		97
10) Phenol	6.45	94	907635	35.26	ng		75
11) bis(2-Chloroethyl)ether	6.53	93	794104	39.82	ng	#	82
12) 1,3-Dichlorobenzene	6.74	146	870527	41.26	ng		99
13) 1,4-Dichlorobenzene	6.82	146	830485m	39.25	ng		
14) 1,2-Dichlorobenzene	6.97	146	772286	38.12	ng		98
15) Benzyl Alcohol	6.94	79	625188	32.83	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1223749	33.70	ng		85
17) 2-Methylphenol	7.07	107	685496	39.99	ng		93
18) Hexachloroethane	7.31	117	342610	40.50	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	544504	35.53	ng	#	74
20) 3+4-Methylphenols	7.22	107	707513	35.12	ng	#	54
22) Acetophenone	7.22	105	1148762	39.48	ng	#	94
24) Nitrobenzene	7.39	77	928615	42.11	ng		92
25) Isophorone	7.63	82	1547876	37.22	ng		99
26) 2-Nitrophenol	7.70	139	410642	40.92	ng	#	81
27) 2,4-Dimethylphenol	7.74	122	733825	36.12	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	976965	38.46	ng	#	96
29) 2,4-Dichlorophenol	7.95	162	675315	39.91	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	713617	40.85	ng	#	94
31) Naphthalene	8.11	128	2239946	40.80	ng		99
32) Benzoic acid	7.89	122	518303	40.75	ng		90
33) 4-Chloroaniline	8.16	127	934516	37.13	ng		97
34) Hexachlorobutadiene	8.22	225	373159	37.16	ng		97
35) Caprolactam	8.54	113	208061	36.47	ng	#	42
36) 4-Chloro-3-methylphenol	8.65	107	677339	35.73	ng		94
37) 2-Methylnaphthalene	8.80	142	1357338	34.44	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	663295	49.57	ng		99
40) Hexachlorocyclopentadiene	8.96	237	363535	45.01	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	9.08	196	400164	39.98	ng		93
43) 2,4,5-Trichlorophenol	9.13	196	393614	41.02	ng		94
45) 1,1'-Biphenyl	9.26	154	1511674	40.87	ng		99
46) 2-Chloronaphthalene	9.29	162	1139810	39.23	ng		94
47) 2-Nitroaniline	9.39	65	448292	46.75	ng	#	83
48) Acenaphthylene	9.70	152	1603521	37.36	ng		97
49) Dimethylphthalate	9.57	163	1307007	39.28	ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	279121	38.25	ng	#	54
51) Acenaphthene	9.87	154	1163667	40.41	ng		97
52) 3-Nitroaniline	9.80	138	372162	41.16	ng		91
53) 2,4-Dinitrophenol	9.90	184	195642	63.69	ng	#	87
54) Dibenzofuran	10.04	168	1451665	38.50	ng		90
55) 4-Nitrophenol	9.97	139	292532	44.57	ng		91
56) 2,4-Dinitrotoluene	10.03	165	347992	37.68	ng	#	82
57) Fluorene	10.38	166	1055603	36.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	350087	42.73	ng		91
59) Diethylphthalate	10.27	149	1367388	41.68	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	612001	51.43	ng		90
61) 4-Nitroaniline	10.42	138	374765	46.49	ng		89
62) Azobenzene	10.54	77	1474971	40.99	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	249131	47.72	ng		84
65) n-Nitrosodiphenylamine	10.50	169	1005158	36.49	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	363395	39.19	ng	#	66
67) Hexachlorobenzene	10.93	284	387436	37.13	ng	#	90
68) Atrazine	11.04	200	395463	43.88	ng		96
69) Pentachlorophenol	11.13	266	217582	40.21	ng		99
70) Phenanthrene	11.34	178	1657630	36.79	ng		96
71) Anthracene	11.40	178	1994634	45.16	ng		98
72) Carbazole	11.55	167	1582474	36.65	ng		99
73) Di-n-butylphthalate	11.89	149	2087599	45.65	ng	#	97
74) Fluoranthene	12.53	202	2213359	47.02	ng		95
76) Benzidine	12.66	184	976228	42.40	ng		98
77) Pyrene	12.76	202	2273979	45.13	ng		98
79) Butylbenzylphthalate	13.38	149	878784	40.30	ng	#	85
80) Benzo(a)anthracene	13.94	228	1557981	41.32	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	636500	48.37	ng	#	98
82) Chrysene	13.99	228	1538449	42.46	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1076068	39.06	ng	#	94
84) Di-n-octyl phthalate	14.56	149	1758235	37.81	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.73	276	1257813	43.80	ng		99
87) Benzo(b)fluoranthene	14.97	252	1482334m	41.79	ng		
88) Benzo(k)fluoranthene	14.99	252	1074068m	37.02	ng		
89) Benzo(a)pyrene	15.30	252	1230626	40.90	ng	#	95
90) Dibenzo(a,h)anthracene	16.74	278	1039250	40.14	ng		97
91) Benzo(g,h,i)perylene	17.13	276	1078805	40.24	ng		98

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

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