Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084466.D
Acq On : 14 Jan 2016 2:42
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 14 15:47:12 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	6.83	152	275830	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1159067	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	529166	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	1003914	20.00	ng		0.00
75) Chrysene-d12	14.00	240	796216	20.00	ng		0.00
86) Perylene-d12	15.41	264	595104	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1388525	81.42	ng		0.00
7) Phenol-d6	6.48	99	1626898	75.96	ng		0.00
23) Nitrobenzene-d5	7.40	82	1470937	70.63	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	413185	77.34	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	2309258	76.11	ng		0.00
78) Terphenyl-d14	12.95	244	2278922	63.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	332471	41.16	ng	#	76
3) Pyridine	3.13	79	898237	39.88	ng	#	79
4) n-Nitrosodimethylamine	3.08	42	415391	35.93	ng		91
6) Aniline	6.50	93	1196804	38.20	ng		87
8) 2-Chlorophenol	6.62	128	778318	40.23	ng		93
9) Benzaldehyde	6.37	77	483731	34.69	ng		94
10) Phenol	6.49	94	861329	35.37	ng		81
11) bis(2-Chloroethyl)ether	6.57	93	761548	40.37	ng	#	80
12) 1,3-Dichlorobenzene	6.77	146	812682m	40.72	ng		
13) 1,4-Dichlorobenzene	6.85	146	836584	41.80	ng		94
14) 1,2-Dichlorobenzene	7.00	146	697164	36.37	ng		96
15) Benzyl Alcohol	6.98	79	599887	33.30	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1208276	35.17	ng		86
17) 2-Methylphenol	7.10	107	663478	40.92	ng		96
18) Hexachloroethane	7.34	117	305884	38.22	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	497316	34.30	ng	#	75
20) 3+4-Methylphenols	7.25	107	685680	35.98	ng	#	58
22) Acetophenone	7.25	105	1085705	38.95	ng	#	92
24) Nitrobenzene	7.42	77	907213	42.95	ng		96
25) Isophorone	7.66	82	1501574	37.70	ng		98
26) 2-Nitrophenol	7.73	139	394454	41.03	ng	#	78
27) 2,4-Dimethylphenol	7.78	122	692483	35.59	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	935540	38.45	ng	#	96
29) 2,4-Dichlorophenol	7.98	162	658037	40.60	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	682020	40.76	ng	#	96
31) Naphthalene	8.14	128	2143262	40.76	ng		98
32) Benzoic acid	7.90	122	360446	31.29	ng		93
33) 4-Chloroaniline	8.19	127	947613	39.31	ng		97
34) Hexachlorobutadiene	8.26	225	353942	36.80	ng		98
35) Caprolactam	8.57	113	223153	40.84	ng	#	52
36) 4-Chloro-3-methylphenol	8.68	107	666558	36.71	ng		94
37) 2-Methylnaphthalene	8.83	142	1373692	36.39	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	640430	42.10	ng		100
40) Hexachlorocyclopentadiene	8.99	237	325663	35.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	436066	38.31	ng		94
43) 2,4,5-Trichlorophenol	9.16	196	427081	39.14	ng		95
45) 1,1'-Biphenyl	9.30	154	1663066	39.54	ng		99
46) 2-Chloronaphthalene	9.32	162	1225852	37.11	ng		95
47) 2-Nitroaniline	9.42	65	498929	45.76	ng	#	78
48) Acenaphthylene	9.73	152	1925169	39.45	ng		97
49) Dimethylphthalate	9.61	163	1594361	42.15	ng	#	90
50) 2,6-Dinitrotoluene	9.66	165	350138	42.20	ng	#	68
51) Acenaphthene	9.90	154	1270965	38.82	ng		98
52) 3-Nitroaniline	9.84	138	452982	44.06	ng		86
53) 2,4-Dinitrophenol	9.94	184	155314	45.55	ng	#	83
54) Dibenzofuran	10.08	168	1689803	39.49	ng		91
55) 4-Nitrophenol	10.01	139	306055	41.01	ng	#	80
56) 2,4-Dinitrotoluene	10.06	165	424814	40.45	ng	#	90
57) Fluorene	10.42	166	1240232	37.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	381440	40.95	ng		89
59) Diethylphthalate	10.30	149	1548842	41.52	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	642158	46.72	ng		94
61) 4-Nitroaniline	10.44	138	415862	45.38	ng		89
62) Azobenzene	10.58	77	1715319	41.93	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	245512	40.03	ng		83
65) n-Nitrosodiphenylamine	10.53	169	1148507	35.78	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	421984	39.05	ng		96
67) Hexachlorobenzene	10.97	284	430686	35.41	ng	#	87
68) Atrazine	11.07	200	425564	40.51	ng		93
69) Pentachlorophenol	11.16	266	212479	33.69	ng		98
70) Phenanthrene	11.38	178	1904438	36.27	ng		96
71) Anthracene	11.44	178	2180637	42.36	ng		97
72) Carbazole	11.60	167	1988721	39.52	ng		97
73) Di-n-butylphthalate	11.93	149	2333471	43.17	ng	#	97
74) Fluoranthene	12.57	202	2032825	37.06	ng		98
76) Benzidine	12.69	184	946221	33.14	ng		99
77) Pyrene	12.80	202	2077206	33.24	ng		97
79) Butylbenzylphthalate	13.43	149	972902	35.98	ng	#	81
80) Benzo(a)anthracene	13.99	228	1603720	34.30	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	631616	38.71	ng	#	97
82) Chrysene	14.02	228	1509815	33.61	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1172453	34.32	ng	#	92
84) Di-n-octyl phthalate	14.59	149	1918588	33.27	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.80	276	1296940	36.42	ng		97
87) Benzo(b)fluoranthene	15.00	252	1702158m	43.73	ng		
88) Benzo(k)fluoranthene	15.04	252	1074626m	33.75	ng		
89) Benzo(a)pyrene	15.36	252	1310004	39.67	ng		99
90) Dibenzo(a,h)anthracene	16.81	278	1064089	37.45	ng		99
91) Benzo(g,h,i)perylene	17.21	276	1115916	37.93	ng		96

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

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