Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
Data File : BF084168.D
Acq On : 31 Dec 2015 1:22
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
12/31/2015 6:41:22 PM

Quant Time: Dec 31 04:19:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 03:17:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	332400	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1387192	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	649213	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	1141489	20.00	ng		0.00
75) Chrysene-d12	14.07	240	754421	20.00	ng		0.00
86) Perylene-d12	15.51	264	586805	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2013799	101.59	ng		0.00
7) Phenol-d6	6.53	99	2606682	105.68	ng		0.01
23) Nitrobenzene-d5	7.47	82	2243206	93.26	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	631743	91.19	ng		0.01
44) 2-Fluorobiphenyl	9.28	172	3615248	78.00	ng		0.01
78) Terphenyl-d14	13.01	244	2979989	73.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	490370	58.96	ng		100
3) Pyridine	3.25	79	1335628	63.40	ng		97
4) n-Nitrosodimethylamine	3.21	42	708652	73.88	ng		97
6) Aniline	6.57	93	1838840	57.95	ng		97
8) 2-Chlorophenol	6.68	128	1082944	45.06	ng		97
9) Benzaldehyde	6.44	77	763678	56.86	ng		99
10) Phenol	6.54	94	1603378	57.19	ng		88
11) bis(2-Chloroethyl)ether	6.64	93	1031977	50.81	ng		99
12) 1,3-Dichlorobenzene	6.84	146	1123366	43.06	ng		98
13) 1,4-Dichlorobenzene	6.92	146	1200365	45.26	ng		99
14) 1,2-Dichlorobenzene	7.08	146	1040494m	42.86	ng		
15) Benzyl Alcohol	7.05	79	1122766	58.58	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1929970	85.05	ng		99
17) 2-Methylphenol	7.15	107	953127	50.36	ng		99
18) Hexachloroethane	7.42	117	476873	48.97	ng		96
19) n-Nitroso-di-n-propylamine	7.32	70	834494	54.47	ng		95
20) 3+4-Methylphenols	7.31	107	1056556	43.94	ng		92
22) Acetophenone	7.32	105	1658630	48.22	ng	#	74
24) Nitrobenzene	7.49	77	1317503	52.95	ng	#	84
25) Isophorone	7.73	82	2267942	50.89	ng		97
26) 2-Nitrophenol	7.80	139	510769	40.49	ng		96
27) 2,4-Dimethylphenol	7.85	122	1070689m	50.75	ng		
28) bis(2-Chloroethoxy)methane	7.94	93	1269957	48.61	ng		100
29) 2,4-Dichlorophenol	8.04	162	895368	44.80	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	978433	45.26	ng		99
31) Naphthalene	8.21	128	2908440	40.09	ng		99
32) Benzoic acid	7.96	122	805056m	70.61	ng		
33) 4-Chloroaniline	8.26	127	1319768	44.27	ng		97
34) Hexachlorobutadiene	8.34	225	563946	45.35	ng		99
35) Caprolactam	8.65	113	338673	59.92	ng	#	71
36) 4-Chloro-3-methylphenol	8.74	107	1090993	48.73	ng		93
37) 2-Methylnaphthalene	8.90	142	2026657	43.91	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	869395	42.89	ng		99
40) Hexachlorocyclopentadiene	9.06	237	545462	99.38	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	631443	47.28	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	642828	48.13	ng	#	77
45) 1,1'-Biphenyl	9.37	154	2194650	38.61	ng		98
46) 2-Chloronaphthalene	9.39	162	1705811	39.25	ng		99
47) 2-Nitroaniline	9.48	65	567141	47.58	ng		100
48) Acenaphthylene	9.81	152	2945983	40.83	ng		98
49) Dimethylphthalate	9.68	163	2189285	41.13	ng		98
50) 2,6-Dinitrotoluene	9.73	165	531327	47.59	ng	#	78
51) Acenaphthene	9.98	154	2047102	47.93	ng		99
52) 3-Nitroaniline	9.89	138	554946	46.37	ng		99
53) 2,4-Dinitrophenol	10.00	184	215553	63.73	ng	#	84
54) Dibenzofuran	10.16	168	2668506	45.26	ng		95
55) 4-Nitrophenol	10.04	139	419647	60.52	ng		94
56) 2,4-Dinitrotoluene	10.13	165	698585	46.60	ng	#	69
57) Fluorene	10.50	166	1949320	39.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	559378	57.32	ng		96
59) Diethylphthalate	10.37	149	2145023	39.37	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	846673	37.29	ng		97
61) 4-Nitroaniline	10.51	138	516892	45.14	ng		90
62) Azobenzene	10.65	77	2387616	51.35	ng		98
64) 4,6-Dinitro-2-methylphenol	10.53	198	278533	43.64	ng	#	78
65) n-Nitrosodiphenylamine	10.60	169	1747182	44.16	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	610480	46.20	ng		96
67) Hexachlorobenzene	11.04	284	611557	42.67	ng		99
68) Atrazine	11.14	200	613134	49.76	ng		94
69) Pentachlorophenol	11.23	266	425328	87.90	ng		97
70) Phenanthrene	11.46	178	2982589	44.76	ng		98
71) Anthracene	11.51	178	2621125	37.68	ng		100
72) Carbazole	11.65	167	2431077	40.90	ng		100
73) Di-n-butylphthalate	12.00	149	2947574	38.52	ng		99
74) Fluoranthene	12.64	202	2643783	37.72	ng		99
76) Benzidine	12.76	184	1418464	53.92	ng		99
77) Pyrene	12.87	202	2687038	42.76	ng		99
79) Butylbenzylphthalate	13.49	149	1272241	47.48	ng		97
80) Benzo(a)anthracene	14.05	228	2036706	44.27	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	783179	54.60	ng		99
82) Chrysene	14.09	228	1715169	41.67	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1408950	41.77	ng		100
84) Di-n-octyl phthalate	14.67	149	2408862	49.54	ng		99
85) Indeno(1,2,3-cd)pyrene	16.92	276	1772265	42.97	ng		99
87) Benzo(b)fluoranthene	15.08	252	1935320	44.43	ng		98
88) Benzo(k)fluoranthene	15.12	252	1337779m	45.50	ng		
89) Benzo(a)pyrene	15.45	252	1618559	45.26	ng	#	94
90) Dibenzo(a,h)anthracene	16.95	278	1431719	42.04	ng		97
91) Benzo(g,h,i)perylene	17.36	276	1505005	43.16	ng		96

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

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