Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084188.D
Acq On : 31 Dec 2015 11:10
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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1/4/2016 4:28:33 PM

Quant Time: Dec 31 13:14:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 11:37:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	335416	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1372785	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	668440	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	1201835	20.00	ng		0.00
75) Chrysene-d12	14.07	240	825364	20.00	ng		0.00
86) Perylene-d12	15.51	264	676401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1994025	46.09	ng		0.00
7) Phenol-d6	6.53	99	2494472	45.45	ng		0.00
23) Nitrobenzene-d5	7.47	82	2386795	47.55	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	674881	46.60	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	3769504	39.71	ng		0.01
78) Terphenyl-d14	13.01	244	3483908	46.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	493445	49.92	ng	#	73
3) Pyridine	3.26	79	1406624	58.16	ng	#	71
4) n-Nitrosodimethylamine	3.22	42	736944	55.68	ng		78
6) Aniline	6.57	93	1852721	46.35	ng	#	83
8) 2-Chlorophenol	6.69	128	1180733	48.09	ng		95
9) Benzaldehyde	6.45	77	777226	39.95	ng		95
10) Phenol	6.54	94	1315538	41.49	ng		96
11) bis(2-Chloroethyl)ether	6.65	93	1211381	51.52	ng		90
12) 1,3-Dichlorobenzene	6.84	146	1126659m	43.35	ng		
13) 1,4-Dichlorobenzene	6.92	146	1164292	44.28	ng		98
14) 1,2-Dichlorobenzene	7.08	146	1087371	43.63	ng		95
15) Benzyl Alcohol	7.05	79	991960	42.19	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1996292	45.34	ng		84
17) 2-Methylphenol	7.16	107	971118	47.32	ng		95
18) Hexachloroethane	7.42	117	493835	50.15	ng	#	89
19) n-Nitroso-di-n-propylamine	7.33	70	916666	50.73	ng	#	76
20) 3+4-Methylphenols	7.32	107	1143651	46.09	ng	#	85
22) Acetophenone	7.32	105	1576488	45.06	ng	#	91
24) Nitrobenzene	7.49	77	1336663	52.22	ng		98
25) Isophorone	7.73	82	2275315	47.19	ng		99
26) 2-Nitrophenol	7.80	139	579158	53.67	ng	#	76
27) 2,4-Dimethylphenol	7.85	122	1167840	48.61	ng		94
28) bis(2-Chloroethoxy)methane	7.95	93	1421139	48.38	ng	#	95
29) 2,4-Dichlorophenol	8.05	162	963592	49.66	ng		92
30) 1,2,4-Trichlorobenzene	8.13	180	976771	47.14	ng		97
31) Naphthalene	8.21	128	2824439m	41.60	ng		
32) Benzoic acid	7.97	122	700578m	68.96	ng		
33) 4-Chloroaniline	8.26	127	1293783	43.45	ng		97
34) Hexachlorobutadiene	8.34	225	569561	49.80	ng		97
35) Caprolactam	8.65	113	303328	46.16	ng	#	45
36) 4-Chloro-3-methylphenol	8.74	107	1030532	46.87	ng		91
37) 2-Methylnaphthalene	8.91	142	2155608	45.97	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	867702	41.00	ng		98
40) Hexachlorocyclopentadiene	9.06	237	566098	48.05	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	674246	44.16	ng		95
43) 2,4,5-Trichlorophenol	9.22	196	658057	45.91	ng	#	86
45) 1,1'-Biphenyl	9.37	154	2296782	37.68	ng		97
46) 2-Chloronaphthalene	9.39	162	1807475	40.14	ng		98
47) 2-Nitroaniline	9.48	65	704477	53.32	ng		96
48) Acenaphthylene	9.81	152	3030750	41.96	ng	#	94
49) Dimethylphthalate	9.68	163	2099430	40.58	ng	#	89
50) 2,6-Dinitrotoluene	9.73	165	525206	48.80	ng	#	60
51) Acenaphthene	9.98	154	2065403	43.77	ng		97
52) 3-Nitroaniline	9.90	138	691747	52.09	ng		86
53) 2,4-Dinitrophenol	10.00	184	213623m	75.14	ng		
54) Dibenzofuran	10.16	168	2685056	41.38	ng		91
55) 4-Nitrophenol	10.05	139	461259	30.69	ng	#	79
56) 2,4-Dinitrotoluene	10.13	165	656137	49.06	ng	#	89
57) Fluorene	10.50	166	2050288	41.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	594269	48.17	ng		92
59) Diethylphthalate	10.37	149	2221953	41.08	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	858946	38.28	ng		93
61) 4-Nitroaniline	10.51	138	615494	54.74	ng		92
62) Azobenzene	10.65	77	2367062	42.15	ng		86
64) 4,6-Dinitro-2-methylphenol	10.54	198	375658	72.05	ng		80
65) n-Nitrosodiphenylamine	10.61	169	1881690	45.92	ng		98
66) 4-Bromophenyl-phenylether	10.98	248	627396	45.13	ng	#	85
67) Hexachlorobenzene	11.04	284	671017	43.50	ng	#	75
68) Atrazine	11.14	200	638945	46.93	ng		98
69) Pentachlorophenol	11.23	266	388345	58.82	ng		97
70) Phenanthrene	11.46	178	3112633	42.04	ng		94
71) Anthracene	11.50	178	2685105	37.87	ng		96
72) Carbazole	11.66	167	2921231	44.60	ng		97
73) Di-n-butylphthalate	12.00	149	3016376	38.54	ng	#	93
74) Fluoranthene	12.64	202	3011032	42.26	ng		96
76) Benzidine	12.76	184	1377686	43.25	ng		99
77) Pyrene	12.86	202	3156281	49.76	ng		96
79) Butylbenzylphthalate	13.49	149	1404713	50.85	ng		89
80) Benzo(a)anthracene	14.05	228	2263075	44.97	ng		97
81) 3,3'-Dichlorobenzidine	14.02	252	833564	49.68	ng	#	94
82) Chrysene	14.10	228	2342023	51.19	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	1704190	46.71	ng		98
84) Di-n-octyl phthalate	14.67	149	2980050	49.50	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.93	276	1941870	55.35	ng		100
87) Benzo(b)fluoranthene	15.09	252	2128955	45.13	ng		97
88) Benzo(k)fluoranthene	15.12	252	1705220m	45.82	ng		
89) Benzo(a)pyrene	15.45	252	1811086	46.58	ng		98
90) Dibenzo(a,h)anthracene	16.95	278	1571994	49.54	ng		98
91) Benzo(g,h,i)perylene	17.36	276	1640004	51.05	ng		98

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

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