Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082703.D
Acq On : 4 Nov 2015 16:17
Operator : UM/IZ
Sample : G4240-10MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MSD

Manual Integrations APPROVED
Mmdadoda
11/5/2015 2:19:42 PM

Quant Time: Nov 05 05:05:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	182284	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	717082	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	391707	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	780206	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	705028	20.00	ng		-0.02
86) Perylene-d12	15.46	264	493643	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1676801	138.55	ng		0.01
7) Phenol-d6	6.51	99	2229788	138.68	ng		0.00
23) Nitrobenzene-d5	7.44	82	1572244	89.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	733408	171.08	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	2176260	78.88	ng		-0.02
78) Terphenyl-d14	12.98	244	2418326	75.07	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	175658	31.40	ng		94
3) Pyridine	3.25	79	550577	33.56	ng		99
4) n-Nitrosodimethylamine	3.20	42	311040	33.68	ng		92
6) Aniline	6.53	93	584099	26.09	ng		98
8) 2-Chlorophenol	6.66	128	586804	44.81	ng		98
9) Benzaldehyde	6.41	77	203461	18.54	ng		87
10) Phenol	6.52	94	902096	49.51	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	542805	40.39	ng		95
12) 1,3-Dichlorobenzene	6.81	146	628361m	42.08	ng		
13) 1,4-Dichlorobenzene	6.89	146	632691	42.72	ng		92
14) 1,2-Dichlorobenzene	7.04	146	566147	41.19	ng		95
15) Benzyl Alcohol	7.01	79	682401	45.51	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.15	45	857977	40.17	ng		96
17) 2-Methylphenol	7.13	107	495404	44.50	ng		99
18) Hexachloroethane	7.38	117	233678	40.43	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	477385	39.17	ng		91
20) 3+4-Methylphenols	7.28	107	640308	44.25	ng	#	89
22) Acetophenone	7.28	105	906763	42.95	ng	#	87
24) Nitrobenzene	7.45	77	648580	36.54	ng	#	89
25) Isophorone	7.70	82	1355966	41.97	ng		96
26) 2-Nitrophenol	7.77	139	312148	48.14	ng	#	79
27) 2,4-Dimethylphenol	7.81	122	500840	39.57	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	755471	42.75	ng	#	97
29) 2,4-Dichlorophenol	8.01	162	516565	44.77	ng		87
30) 1,2,4-Trichlorobenzene	8.10	180	562482	43.93	ng		96
31) Naphthalene	8.18	128	1767222	45.54	ng		99
32) Benzoic acid	7.88	122	55562	6.05	ng		97
33) 4-Chloroaniline	8.22	127	300586	18.15	ng	#	83
34) Hexachlorobutadiene	8.30	225	360770	44.31	ng		98
35) Caprolactam	8.60	113	186911m	52.80	ng		
36) 4-Chloro-3-methylphenol	8.72	107	664712	48.93	ng	#	79
37) 2-Methylnaphthalene	8.86	142	1071620	42.61	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	535523	40.97	ng		97
40) Hexachlorocyclopentadiene	9.02	237	607043	73.87	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	443956	47.04	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	420621	44.73	ng		95
45) 1,1'-Biphenyl	9.33	154	1421029	42.95	ng		97
46) 2-Chloronaphthalene	9.36	162	1129357	43.71	ng		96
47) 2-Nitroaniline	9.45	65	446042	44.41	ng	#	86
48) Acenaphthylene	9.77	152	1745880	42.25	ng		99
49) Dimethylphthalate	9.64	163	2029572	63.44	ng		100
50) 2,6-Dinitrotoluene	9.70	165	350659	52.88	ng	#	61
51) Acenaphthene	9.94	154	1210032	46.13	ng		99
52) 3-Nitroaniline	9.86	138	233082	31.60	ng		81
53) 2,4-Dinitrophenol	9.96	184	260501	74.27	ng	#	33
54) Dibenzofuran	10.12	168	1655883	46.52	ng	#	87
55) 4-Nitrophenol	10.03	139	579833	104.47	ng		88
56) 2,4-Dinitrotoluene	10.10	165	465222	51.88	ng		95
57) Fluorene	10.45	166	1261032	43.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	396061	49.83	ng	#	89
59) Diethylphthalate	10.34	149	1548196	47.54	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	673245	48.24	ng		97
61) 4-Nitroaniline	10.48	138	291884	41.46	ng		90
62) Azobenzene	10.61	77	1735041	47.24	ng		97
64) 4,6-Dinitro-2-methylphenol	10.51	198	281885	59.90	ng		84
65) n-Nitrosodiphenylamine	10.57	169	1082697	40.37	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	421720	47.70	ng		99
67) Hexachlorobenzene	11.01	284	453720	46.28	ng	#	59
68) Atrazine	11.10	200	481317	54.85	ng		94
69) Pentachlorophenol	11.20	266	529234	81.87	ng		98
70) Phenanthrene	11.41	178	1831735	41.62	ng		100
71) Anthracene	11.47	178	2168550	48.94	ng		100
72) Carbazole	11.62	167	1715825	44.46	ng		99
73) Di-n-butylphthalate	11.96	149	2373522	48.31	ng		99
74) Fluoranthene	12.60	202	1965108	43.68	ng		99
76) Benzidine	12.72	184	373568	11.75	ng		99
77) Pyrene	12.83	202	2054697	39.36	ng		100
79) Butylbenzylphthalate	13.46	149	971611	42.49	ng	#	70
80) Benzo(a)anthracene	14.02	228	1691790	37.78	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	348537	22.59	ng	#	96
82) Chrysene	14.05	228	1419157m	34.96	ng		
83) Bis(2-ethylhexyl)phthalate	14.02	149	1245575	42.02	ng		98
84) Di-n-octyl phthalate	14.64	149	1914600	41.41	ng		99
85) Indeno(1,2,3-cd)pyrene	16.87	276	1196133	35.71	ng		99
87) Benzo(b)fluoranthene	15.06	252	1460139	42.90	ng		99
88) Benzo(k)fluoranthene	15.08	252	1238715m	47.77	ng		
89) Benzo(a)pyrene	15.41	252	1252023	46.71	ng	#	97
90) Dibenzo(a,h)anthracene	16.89	278	1010352	40.39	ng		100
91) Benzo(g,h,i)perylene	17.29	276	945957	39.02	ng		99

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

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