Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084284.D
Acq On : 6 Jan 2016 12:37
Operator : SJ/UM
Sample : G4986-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Manual Integrations APPROVED
umangi
1/7/2016 12:03:56 PM

Quant Time: Jan 07 00:58:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	260332	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1103343	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	504892	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	927711	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	824224	20.00	ng		-0.03
86) Perylene-d12	15.45	264	686343	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1613288	100.24	ng		-0.01
7) Phenol-d6	6.51	99	2098020	103.79	ng		-0.02
23) Nitrobenzene-d5	7.44	82	1289336	65.04	ng		-0.03
41) 2,4,6-Tribromophenol	10.70	330	531825	104.33	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	1877322	63.83	ng		-0.03
78) Terphenyl-d14	12.98	244	1859213	50.35	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	214050	28.07	ng	#	75
3) Pyridine	3.26	79	211692	9.96	ng	#	72
4) n-Nitrosodimethylamine	3.18	42	349824	32.06	ng		79
6) Aniline	6.53	93	446970	15.12	ng	#	85
8) 2-Chlorophenol	6.66	128	661223	36.21	ng		97
9) Benzaldehyde	6.41	77	289817	22.02	ng		92
10) Phenol	6.52	94	666826	29.01	ng		80
11) bis(2-Chloroethyl)ether	6.61	93	627971	35.27	ng		95
12) 1,3-Dichlorobenzene	6.81	146	637189	33.83	ng	#	94
13) 1,4-Dichlorobenzene	6.89	146	663777	35.14	ng		95
14) 1,2-Dichlorobenzene	7.04	146	557505	30.82	ng		94
15) Benzyl Alcohol	7.01	79	540512	31.79	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1018930	31.43	ng		84
17) 2-Methylphenol	7.14	107	517656	33.82	ng		96
18) Hexachloroethane	7.38	117	240201	31.80	ng	#	91
19) n-Nitroso-di-n-propylamine	7.29	70	440232	32.17	ng	#	72
20) 3+4-Methylphenols	7.29	107	615271	34.20	ng	#	69
22) Acetophenone	7.28	105	875173	32.99	ng	#	91
24) Nitrobenzene	7.46	77	724858	36.05	ng		90
25) Isophorone	7.70	82	1282776	33.83	ng		96
26) 2-Nitrophenol	7.77	139	316906	34.63	ng	#	77
27) 2,4-Dimethylphenol	7.81	122	529580	28.59	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	748055	32.30	ng		99
29) 2,4-Dichlorophenol	8.02	162	567759	36.80	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	568287	35.68	ng	#	95
31) Naphthalene	8.18	128	1786215	35.68	ng		99
32) Benzoic acid	7.87	122	37860	9.01	ng		94
33) 4-Chloroaniline	8.22	127	327302	14.26	ng		99
34) Hexachlorobutadiene	8.29	225	295421	32.26	ng		100
35) Caprolactam	8.59	113	142927m	27.48	ng		
36) 4-Chloro-3-methylphenol	8.72	107	620632	35.91	ng		99
37) 2-Methylnaphthalene	8.86	142	1104176	30.73	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	517158	35.63	ng		99
40) Hexachlorocyclopentadiene	9.02	237	624572	71.28	ng		99

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Quant Time: Jan 07 00:58:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	367460	33.84	ng		91
43) 2,4,5-Trichlorophenol	9.18	196	355169	34.12	ng	#	84
45) 1,1'-Biphenyl	9.33	154	1466205	36.54	ng		99
46) 2-Chloronaphthalene	9.36	162	1092724	34.67	ng		93
47) 2-Nitroaniline	9.45	65	352632	33.90	ng		94
48) Acenaphthylene	9.77	152	1554453	33.38	ng		97
49) Dimethylphthalate	9.64	163	2112613	58.53	ng	#	91
50) 2,6-Dinitrotoluene	9.70	165	315346	39.83	ng	#	86
51) Acenaphthene	9.94	154	1060725	33.96	ng		97
52) 3-Nitroaniline	9.86	138	232955	23.75	ng		98
53) 2,4-Dinitrophenol	9.96	184	157739	48.25	ng	#	69
54) Dibenzofuran	10.11	168	1385226	33.48	ng		90
55) 4-Nitrophenol	10.04	139	516530	72.54	ng	#	77
56) 2,4-Dinitrotoluene	10.10	165	427521	42.67	ng		90
57) Fluorene	10.45	166	1024157	32.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	315081	35.45	ng	#	86
59) Diethylphthalate	10.34	149	1287144	36.17	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	537066	39.77	ng		90
61) 4-Nitroaniline	10.48	138	277254	31.71	ng		93
62) Azobenzene	10.61	77	1357803	34.79	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	158382	28.65	ng	#	61
65) n-Nitrosodiphenylamine	10.57	169	908086	30.62	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	335652	33.61	ng	#	93
67) Hexachlorobenzene	11.00	284	371541	33.06	ng		95
68) Atrazine	11.09	200	336734	34.69	ng		98
69) Pentachlorophenol	11.20	266	322827	55.40	ng		98
70) Phenanthrene	11.41	178	1548199	31.90	ng		97
71) Anthracene	11.47	178	1773494	37.28	ng		99
72) Carbazole	11.62	167	1505164	32.37	ng		99
73) Di-n-butylphthalate	11.96	149	1914007	36.90	ng	#	98
74) Fluoranthene	12.60	202	1749938	34.52	ng		97
77) Pyrene	12.83	202	1824370	28.21	ng		97
79) Butylbenzylphthalate	13.45	149	828264	29.59	ng	#	84
80) Benzo(a)anthracene	14.02	228	1449959	29.96	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	429238	25.41	ng	#	96
82) Chrysene	14.05	228	1407490	30.26	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	1061646	30.02	ng	#	93
84) Di-n-octyl phthalate	14.63	149	1814959	30.40	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.85	276	1239956	33.64	ng		100
87) Benzo(b)fluoranthene	15.05	252	1474231	32.84	ng		98
88) Benzo(k)fluoranthene	15.07	252	1258036m	34.26	ng		
89) Benzo(a)pyrene	15.39	252	1300701	34.16	ng	#	95
90) Dibenzo(a,h)anthracene	16.88	278	1039744	31.73	ng	#	94
91) Benzo(g,h,i)perylene	17.28	276	1029634	30.34	ng		99

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

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