Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084282.D
Acq On : 6 Jan 2016 11:43
Operator : SJ/UM
Sample : PB87639BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87639BS

Manual Integrations APPROVED
umangi
1/7/2016 12:04:31 PM

Quant Time: Jan 07 00:43:13 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	250840	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1043429	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	465035	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	882405	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	796454	20.00	ng		-0.03
86) Perylene-d12	15.46	264	654972	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1904854	122.83	ng		-0.01
7) Phenol-d6	6.52	99	2538213	130.32	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1466755	78.23	ng		-0.03
41) 2,4,6-Tribromophenol	10.70	330	649260	138.29	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2344908	89.00	ng		-0.03
78) Terphenyl-d14	12.98	244	2413490	67.64	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	258274	35.16	ng	#	78
3) Pyridine	3.26	79	668572	32.64	ng	#	74
4) n-Nitrosodimethylamine	3.22	42	408489	38.85	ng	#	79
6) Aniline	6.53	93	584157	20.50	ng	#	31
8) 2-Chlorophenol	6.66	128	774973	44.05	ng		95
9) Benzaldehyde	6.41	77	236392	18.64	ng		92
10) Phenol	6.53	94	962277	43.45	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	741643	43.23	ng		92
12) 1,3-Dichlorobenzene	6.81	146	714333	39.36	ng	#	93
13) 1,4-Dichlorobenzene	6.89	146	770679	42.34	ng		95
14) 1,2-Dichlorobenzene	7.04	146	657496	37.72	ng		95
15) Benzyl Alcohol	7.01	79	607306	37.07	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1146600	36.70	ng		85
17) 2-Methylphenol	7.14	107	638950	43.33	ng		95
18) Hexachloroethane	7.38	117	287593	39.51	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	488369	37.04	ng	#	69
20) 3+4-Methylphenols	7.29	107	675381	38.97	ng	#	64
22) Acetophenone	7.29	105	1011750	40.32	ng	#	87
24) Nitrobenzene	7.46	77	868072	45.65	ng		96
25) Isophorone	7.70	82	1474891	41.13	ng		98
26) 2-Nitrophenol	7.77	139	377265	43.59	ng	#	79
27) 2,4-Dimethylphenol	7.81	122	686768	39.21	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	888800	40.58	ng	#	97
29) 2,4-Dichlorophenol	8.02	162	641725	43.98	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	651814	43.27	ng		96
31) Naphthalene	8.18	128	2024694	42.77	ng		99
32) Benzoic acid	7.93	122	277719	27.68	ng		92
33) 4-Chloroaniline	8.22	127	219229	10.10	ng		97
34) Hexachlorobutadiene	8.29	225	344597	39.79	ng		97
35) Caprolactam	8.60	113	201760m	41.02	ng		
36) 4-Chloro-3-methylphenol	8.72	107	668279	40.89	ng		95
37) 2-Methylnaphthalene	8.86	142	1300699	38.27	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	609398	45.58	ng		98
40) Hexachlorocyclopentadiene	9.02	237	745404	92.36	ng		98

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Quant Time: Jan 07 00:43:13 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)
42) 2,4,6-Trichlorophenol	9.15	196	460104	46.00	ng		95
43) 2,4,5-Trichlorophenol	9.20	196	416996	43.49	ng		94
45) 1,1'-Biphenyl	9.33	154	1683173	45.54	ng		99
46) 2-Chloronaphthalene	9.36	162	1219503	42.01	ng		95
47) 2-Nitroaniline	9.46	65	426793	44.54	ng	#	57
48) Acenaphthylene	9.77	152	1841676	42.94	ng		97
49) Dimethylphthalate	9.64	163	1556085	46.81	ng	#	91
50) 2,6-Dinitrotoluene	9.70	165	360094	49.38	ng	#	82
51) Acenaphthene	9.94	154	1335393	46.42	ng		97
52) 3-Nitroaniline	9.86	138	163697	18.12	ng		95
53) 2,4-Dinitrophenol	9.97	184	269224	86.38	ng	#	80
54) Dibenzofuran	10.11	168	1730446	46.54	ng	#	90
55) 4-Nitrophenol	10.04	139	609538	92.94	ng	#	85
56) 2,4-Dinitrotoluene	10.10	165	438375	47.50	ng	#	91
57) Fluorene	10.45	166	1212809	41.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	378443	46.23	ng		90
59) Diethylphthalate	10.34	149	1501329	45.80	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	644715	54.74	ng		94
61) 4-Nitroaniline	10.48	138	347532	43.15	ng		95
62) Azobenzene	10.61	77	1633567	45.44	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	192000	35.70	ng	#	64
65) n-Nitrosodiphenylamine	10.57	169	1124824	39.87	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	424009	44.64	ng		98
67) Hexachlorobenzene	11.00	284	423524	39.62	ng	#	87
68) Atrazine	11.10	200	430339	46.61	ng		93
69) Pentachlorophenol	11.20	266	372944	67.28	ng		97
70) Phenanthrene	11.41	178	1885867	40.86	ng		96
71) Anthracene	11.47	178	2092630	46.25	ng		98
72) Carbazole	11.63	167	1907886	43.13	ng		97
73) Di-n-butylphthalate	11.96	149	2303475	50.53	ng	#	97
74) Fluoranthene	12.60	202	1988254	41.24	ng		98
76) Benzidine	12.73	184	798071	27.95	ng		98
77) Pyrene	12.83	202	2041595	32.67	ng		97
79) Butylbenzylphthalate	13.46	149	1017452	37.62	ng	#	86
80) Benzo(a)anthracene	14.02	228	1698773	36.33	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	275321	16.87	ng	#	98
82) Chrysene	14.05	228	1590712	35.40	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	1260219	36.88	ng	#	94
84) Di-n-octyl phthalate	14.63	149	2096936	36.35	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.85	276	1516147	42.56	ng		99
87) Benzo(b)fluoranthene	15.05	252	1684243	39.31	ng		98
88) Benzo(k)fluoranthene	15.08	252	1591159m	45.41	ng		
89) Benzo(a)pyrene	15.40	252	1570009	43.20	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	1228428	39.28	ng		96
91) Benzo(g,h,i)perylene	17.28	276	1240658	38.31	ng		100

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

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