Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086135.D
Acq On : 7 Apr 2016 16:43
Operator : UM/SJ
Sample : PB89612BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Manual Integrations APPROVED
Sohil
4/8/2016 6:09:25 PM

Quant Time: Apr 08 02:30:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	159977	20.00	ng		-0.03
21) Naphthalene-d8	8.02	136	640151	20.00	ng		-0.05
38) Acenaphthene-d10	9.78	164	325440	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	606059	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	438223	20.00	ng		-0.03
86) Perylene-d12	15.29	264	350188	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	699141	74.70	ng		-0.02
7) Phenol-d6	6.38	99	817135	68.74	ng		-0.03
23) Nitrobenzene-d5	7.31	82	548478	50.53	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	207026	67.78	ng		-0.03
44) 2-Fluorobiphenyl	9.10	172	983094	50.23	ng		-0.03
78) Terphenyl-d14	12.84	244	937005	50.26	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	110841	24.98	ng		99
3) Pyridine	3.02	79	257856	25.96	ng		99
4) n-Nitrosodimethylamine	2.98	42	123850	28.35	ng		99
6) Aniline	6.41	93	232938	14.93	ng	#	61
8) 2-Chlorophenol	6.52	128	312842	28.03	ng		96
9) Benzaldehyde	6.28	77	97898	15.30	ng		95
10) Phenol	6.40	94	337993	24.92	ng		77
11) bis(2-Chloroethyl)ether	6.48	93	277439	25.84	ng		98
12) 1,3-Dichlorobenzene	6.67	146	311088m	26.30	ng		
13) 1,4-Dichlorobenzene	6.75	146	320761	26.32	ng		99
14) 1,2-Dichlorobenzene	6.91	146	284546	25.37	ng		97
15) Benzyl Alcohol	6.89	79	221427	28.79	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	338592	25.81	ng		85
17) 2-Methylphenol	7.01	107	252599	28.70	ng		96
18) Hexachloroethane	7.24	117	115734	25.82	ng	#	85
19) n-Nitroso-di-n-propylamine	7.16	70	212125	28.79	ng		99
20) 3+4-Methylphenols	7.17	107	325828	30.44	ng	#	59
22) Acetophenone	7.15	105	397845	26.44	ng	#	92
24) Nitrobenzene	7.32	77	297405	25.04	ng		98
25) Isophorone	7.56	82	577120	26.93	ng		100
26) 2-Nitrophenol	7.64	139	155429	27.36	ng	#	86
27) 2,4-Dimethylphenol	7.69	122	261136	25.59	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	352579	28.04	ng		99
29) 2,4-Dichlorophenol	7.89	162	254393	29.49	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	256863	26.52	ng		99
31) Naphthalene	8.04	128	822526	25.54	ng		99
32) Benzoic acid	7.84	122	178178	23.80	ng		99
33) 4-Chloroaniline	8.11	127	102327	7.87	ng		99
34) Hexachlorobutadiene	8.16	225	129053	24.79	ng		98
35) Caprolactam	8.48	113	84642m	30.93	ng		
36) 4-Chloro-3-methylphenol	8.60	107	291395	30.05	ng		99
37) 2-Methylnaphthalene	8.74	142	595076	28.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	237424	24.27	ng		99
40) Hexachlorocyclopentadiene	8.89	237	148755	50.24	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	171205	27.26	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	175881	27.58	ng	#	92
45) 1,1'-Biphenyl	9.20	154	653322	23.28	ng		99
46) 2-Chloronaphthalene	9.23	162	514444	25.29	ng		98
47) 2-Nitroaniline	9.33	65	173576	29.16	ng		91
48) Acenaphthylene	9.64	152	861390	26.44	ng		99
49) Dimethylphthalate	9.50	163	612836	25.41	ng		100
50) 2,6-Dinitrotoluene	9.57	165	133214	26.10	ng		94
51) Acenaphthene	9.81	154	516583	26.66	ng		98
52) 3-Nitroaniline	9.74	138	83270	13.54	ng		90
53) 2,4-Dinitrophenol	9.86	184	151548	52.90	ng		89
54) Dibenzofuran	9.98	168	725789	28.36	ng		99
55) 4-Nitrophenol	9.93	139	180259	49.71	ng		96
56) 2,4-Dinitrotoluene	9.98	165	178676	27.71	ng	#	70
57) Fluorene	10.33	166	589359	26.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	135158	28.47	ng		96
59) Diethylphthalate	10.20	149	596233	24.49	ng		97
60) 4-Chlorophenyl-phenylether	10.32	204	274264	26.93	ng		94
61) 4-Nitroaniline	10.36	138	161629	26.68	ng		95
62) Azobenzene	10.48	77	673777	28.89	ng		100
64) 4,6-Dinitro-2-methylphenol	10.40	198	96850	26.37	ng	#	62
65) n-Nitrosodiphenylamine	10.44	169	536184	28.29	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	172324	27.85	ng		92
67) Hexachlorobenzene	10.88	284	180092	28.15	ng		97
68) Atrazine	10.97	200	142066	23.20	ng		95
69) Pentachlorophenol	11.07	266	151984	50.68	ng		99
70) Phenanthrene	11.29	178	903633	27.33	ng		99
71) Anthracene	11.33	178	834434	24.09	ng		100
72) Carbazole	11.49	167	724384	24.33	ng		99
73) Di-n-butylphthalate	11.82	149	1007426	27.31	ng		100
74) Fluoranthene	12.47	202	840707	24.45	ng		99
76) Benzidine	12.59	184	232895	15.06	ng		99
77) Pyrene	12.69	202	833516	26.99	ng		99
79) Butylbenzylphthalate	13.32	149	415960	29.91	ng		97
80) Benzo(a)anthracene	13.88	228	704794	27.28	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	112093	5.94	ng		100
82) Chrysene	13.93	228	697409	28.03	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	531001	28.77	ng		100
84) Di-n-octyl phthalate	14.49	149	896312	30.41	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	508466	25.19	ng		100
87) Benzo(b)fluoranthene	14.90	252	564260m	25.61	ng		
88) Benzo(k)fluoranthene	14.93	252	597674m	30.64	ng		
89) Benzo(a)pyrene	15.24	252	541667	27.75	ng	#	97
90) Dibenzo(a,h)anthracene	16.65	278	428396	27.28	ng		98
91) Benzo(g,h,i)perylene	17.04	276	418254	27.52	ng		98

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

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