Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086178.D
Acq On : 8 Apr 2016 19:56
Operator : UM/SJ
Sample : PB89612BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:58 PM

Quant Time: Apr 09 00:20:05 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	6.73	152	103196	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	408552	20.00	ng		-0.06
38) Acenaphthene-d10	9.77	164	199033	20.00	ng		-0.05
63) Phenanthrene-d10	11.24	188	370840	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	307417	20.00	ng		-0.05
86) Perylene-d12	15.28	264	211617	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	453061	75.04	ng		-0.03
7) Phenol-d6	6.37	99	533416	69.56	ng		-0.05
23) Nitrobenzene-d5	7.30	82	504774	72.86	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	139804	74.84	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	945714	79.00	ng		-0.05
78) Terphenyl-d14	12.83	244	930144	71.12	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	87572	30.60	ng		98
3) Pyridine	3.00	79	223586	34.89	ng		99
4) n-Nitrosodimethylamine	2.94	42	92124	32.69	ng		97
6) Aniline	6.40	93	141853	14.10	ng	#	59
8) 2-Chlorophenol	6.51	128	246960	34.30	ng		93
9) Benzaldehyde	6.28	77	74802	18.13	ng		95
10) Phenol	6.38	94	291233	33.29	ng		96
11) bis(2-Chloroethyl)ether	6.46	93	221766	32.01	ng		97
12) 1,3-Dichlorobenzene	6.67	146	253413	33.21	ng		98
13) 1,4-Dichlorobenzene	6.74	146	254378	32.36	ng		99
14) 1,2-Dichlorobenzene	6.90	146	237683	32.85	ng		97
15) Benzyl Alcohol	6.89	79	177724	35.82	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.01	45	270303	31.94	ng		80
17) 2-Methylphenol	7.00	107	201122	35.43	ng		97
18) Hexachloroethane	7.23	117	93522	32.34	ng	#	84
19) n-Nitroso-di-n-propylamine	7.15	70	174021	36.61	ng		98
20) 3+4-Methylphenols	7.16	107	261458	37.87	ng	#	61
22) Acetophenone	7.15	105	331614	34.53	ng	#	89
24) Nitrobenzene	7.32	77	247975	32.72	ng	#	85
25) Isophorone	7.56	82	463822	33.92	ng	#	93
26) 2-Nitrophenol	7.64	139	125187	34.52	ng	#	90
27) 2,4-Dimethylphenol	7.69	122	216564	33.25	ng		93
28) bis(2-Chloroethoxy)methane	7.77	93	278916	34.76	ng		98
29) 2,4-Dichlorophenol	7.88	162	205573	37.33	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	209270	33.86	ng		93
31) Naphthalene	8.03	128	675228	32.86	ng		99
32) Benzoic acid	7.82	122	129527	27.11	ng		98
33) 4-Chloroaniline	8.10	127	61046	7.35	ng		96
34) Hexachlorobutadiene	8.16	225	106369	32.01	ng		100
35) Caprolactam	8.46	113	68126m	39.00	ng		
36) 4-Chloro-3-methylphenol	8.59	107	231294	37.37	ng		99
37) 2-Methylnaphthalene	8.73	142	483851	36.04	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	184242	30.80	ng		99
40) Hexachlorocyclopentadiene	8.88	237	115176	59.68	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	128401	33.43	ng		97
43) 2,4,5-Trichlorophenol	9.06	196	138765	35.58	ng	#	89
45) 1,1'-Biphenyl	9.18	154	533763	31.10	ng		98
46) 2-Chloronaphthalene	9.22	162	418203	33.62	ng		99
47) 2-Nitroaniline	9.32	65	134035	36.82	ng		89
48) Acenaphthylene	9.63	152	695883	34.92	ng		98
49) Dimethylphthalate	9.49	163	480134	32.55	ng		99
50) 2,6-Dinitrotoluene	9.56	165	110660	35.46	ng		92
51) Acenaphthene	9.80	154	401916	33.91	ng		99
52) 3-Nitroaniline	9.73	138	54227	14.42	ng		93
53) 2,4-Dinitrophenol	9.85	184	100047	55.71	ng		92
54) Dibenzofuran	9.97	168	585540	37.41	ng		99
55) 4-Nitrophenol	9.92	139	128751	58.06	ng		98
56) 2,4-Dinitrotoluene	9.97	165	145313	36.84	ng	#	72
57) Fluorene	10.32	166	461418	34.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	110623	38.09	ng		95
59) Diethylphthalate	10.19	149	480793	32.29	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	224262	36.01	ng		94
61) 4-Nitroaniline	10.35	138	125818	33.96	ng		97
62) Azobenzene	10.46	77	563625	39.52	ng		98
64) 4,6-Dinitro-2-methylphenol	10.38	198	69662	31.00	ng	#	65
65) n-Nitrosodiphenylamine	10.43	169	425787	36.71	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	133040	35.14	ng	#	90
67) Hexachlorobenzene	10.86	284	139353	35.59	ng		94
68) Atrazine	10.96	200	119228	31.82	ng		97
69) Pentachlorophenol	11.06	266	107855	58.78	ng		98
70) Phenanthrene	11.28	178	706146	34.90	ng		99
71) Anthracene	11.32	178	707021	33.36	ng		99
72) Carbazole	11.48	167	623376	34.22	ng		100
73) Di-n-butylphthalate	11.81	149	846261	37.49	ng		100
74) Fluoranthene	12.45	202	671003	31.89	ng		98
76) Benzidine	12.58	184	159773	14.73	ng		99
77) Pyrene	12.68	202	687346	31.73	ng		99
79) Butylbenzylphthalate	13.30	149	321703	32.98	ng	#	69
80) Benzo(a)anthracene	13.87	228	572226	31.58	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	104624	7.90	ng	#	98
82) Chrysene	13.91	228	503689	28.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	436715	33.73	ng		100
84) Di-n-octyl phthalate	14.48	149	723519	35.00	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	405892	28.66	ng		99
87) Benzo(b)fluoranthene	14.89	252	481419m	36.16	ng		
88) Benzo(k)fluoranthene	14.91	252	423520m	35.93	ng		
89) Benzo(a)pyrene	15.22	252	416632	35.32	ng		100
90) Dibenzo(a,h)anthracene	16.61	278	340286	35.86	ng		98
91) Benzo(g,h,i)perylene	17.01	276	332404	36.20	ng	#	93

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

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