Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
Data File : BF089850.D
Acq On : 24 Aug 2016 00:16
Operator : UM/SJ
Sample : PB93042BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93042BS

Manual Integrations APPROVED
UMANGI
8/25/2016 5:23:11 PM

Quant Time: Aug 25 14:08:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	427390	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	1666923	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	800901	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1576461	20.00	ng		0.00
75) Chrysene-d12	13.83	240	1166188	20.00	ng		-0.05
86) Perylene-d12	15.27	264	1077561	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	3350705	134.45	ng		0.00
7) Phenol-d6	6.31	99	4045399	132.23	ng		-0.01
23) Nitrobenzene-d5	7.23	82	2447929	91.23	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	1091513	143.41	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	3836109	84.18	ng		-0.01
78) Terphenyl-d14	12.78	244	3707807	71.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	418016	33.89	ng		98
3) Pyridine	2.82	79	1245002	38.49	ng		91
4) n-Nitrosodimethylamine	2.79	42	470879	39.10	ng	#	69
6) Aniline	6.33	93	1226969	29.90	ng	#	62
8) 2-Chlorophenol	6.46	128	1296465	43.50	ng	#	78
9) Benzaldehyde	6.20	77	303501	15.23	ng		86
10) Phenol	6.33	94	1438817	40.13	ng		99
11) bis(2-Chloroethyl)ether	6.41	93	1144698	41.17	ng		99
12) 1,3-Dichlorobenzene	6.60	146	1263001	40.54	ng		99
13) 1,4-Dichlorobenzene	6.68	146	1314058	41.03	ng		98
14) 1,2-Dichlorobenzene	6.84	146	1235220	41.32	ng		98
15) Benzyl Alcohol	6.82	79	993750	48.98	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1348132	37.89	ng		94
17) 2-Methylphenol	6.94	107	1046843	44.85	ng		96
18) Hexachloroethane	7.19	117	503898	44.11	ng		95
19) n-Nitroso-di-n-propylamine	7.10	70	786327	40.19	ng		89
20) 3+4-Methylphenols	7.10	107	1383369	48.34	ng	#	50
22) Acetophenone	7.08	105	1489736	38.92	ng	#	89
24) Nitrobenzene	7.26	77	1266129	42.06	ng		95
25) Isophorone	7.50	82	2355945	43.54	ng		98
26) 2-Nitrophenol	7.58	139	750036	49.94	ng		97
27) 2,4-Dimethylphenol	7.62	122	1195872	44.18	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	1566290	46.78	ng	#	96
29) 2,4-Dichlorophenol	7.82	162	1092434	48.10	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	1067483	42.49	ng		98
31) Naphthalene	7.98	128	3252388	41.75	ng		99
32) Benzoic acid	7.75	122	674779	31.99	ng		96
33) 4-Chloroaniline	8.03	127	585099	17.33	ng		98
34) Hexachlorobutadiene	8.10	225	545648	41.47	ng		99
35) Caprolactam	8.40	113	345903m	50.01	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1176639	47.83	ng		97
37) 2-Methylnaphthalene	8.67	142	2528665	50.17	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	802128	30.93	ng		98
40) Hexachlorocyclopentadiene	8.83	237	1000049	111.06	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	749888	45.96	ng		100
43) 2,4,5-Trichlorophenol	8.99	196	778065	47.95	ng		99
45) 1,1'-Biphenyl	9.14	154	2657482	42.88	ng		95
46) 2-Chloronaphthalene	9.15	162	2140651	43.69	ng		98
47) 2-Nitroaniline	9.26	65	756842	54.16	ng	#	79
48) Acenaphthylene	9.56	152	3580115	48.63	ng		99
49) Dimethylphthalate	9.45	163	2819015	49.99	ng		100
50) 2,6-Dinitrotoluene	9.50	165	606863	46.61	ng		88
51) Acenaphthene	9.75	154	2474349	50.78	ng		99
52) 3-Nitroaniline	9.67	138	416446	28.87	ng	#	70
53) 2,4-Dinitrophenol	9.77	184	516809	70.93	ng		91
54) Dibenzofuran	9.92	168	3335293	54.50	ng		93
55) 4-Nitrophenol	9.84	139	1267272	107.64	ng		89
56) 2,4-Dinitrotoluene	9.91	165	893609	52.90	ng		96
57) Fluorene	10.25	166	2428990	49.80	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	636512	53.89	ng		98
59) Diethylphthalate	10.15	149	2534839	44.25	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	1000306	44.96	ng		95
61) 4-Nitroaniline	10.28	138	766307	56.67	ng		91
62) Azobenzene	10.41	77	2668769	49.55	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	383448	42.33	ng		85
65) n-Nitrosodiphenylamine	10.38	169	2313574	46.68	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	715303	43.28	ng	#	83
67) Hexachlorobenzene	10.80	284	739578	39.22	ng	#	79
68) Atrazine	10.91	200	734142	48.36	ng		93
69) Pentachlorophenol	10.99	266	814150	76.18	ng		97
70) Phenanthrene	11.21	178	3448900	43.32	ng		96
71) Anthracene	11.27	178	3802842	46.98	ng		100
72) Carbazole	11.42	167	3152069	43.42	ng		98
73) Di-n-butylphthalate	11.77	149	4306936	47.42	ng		97
74) Fluoranthene	12.39	202	3548270	46.85	ng		93
76) Benzidine	12.51	184	1372642	36.37	ng		98
77) Pyrene	12.62	202	3449060	36.32	ng		96
79) Butylbenzylphthalate	13.26	149	1845819	43.04	ng		87
80) Benzo(a)anthracene	13.82	228	3274670	49.03	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	813358	37.15	ng	#	95
82) Chrysene	13.86	228	2990084	52.22	ng		97
83) Bis(2-ethylhexyl)phthalate	13.84	149	2586066	43.77	ng	#	98
84) Di-n-octyl phthalate	14.50	149	4586618	58.42	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.56	276	2848303	38.99	ng		99
87) Benzo(b)fluoranthene	14.90	252	3513350m	59.27	ng		
88) Benzo(k)fluoranthene	14.93	252	2200971m	40.92	ng		
89) Benzo(a)pyrene	15.22	252	2734007	48.72	ng		98
90) Dibenzo(a,h)anthracene	16.58	278	2360757	38.76	ng		99
91) Benzo(g,h,i)perylene	16.95	276	2391156	37.28	ng		95

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

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