Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087907.D
Acq On : 11 Jun 2016 17:36
Operator : UM/SJ
Sample : PB91119BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91119BS

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6/13/2016 7:44:22 PM

Quant Time: Jun 12 05:20:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95945	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	413341	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	240084	20.00	ng		-0.03
63) Phenanthrene-d10	11.33	188	441696	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	324122	20.00	ng		-0.02
86) Perylene-d12	15.38	264	275968	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	762056	135.78	ng		-0.03
7) Phenol-d6	6.44	99	850434	125.03	ng		-0.03
23) Nitrobenzene-d5	7.37	82	513274	72.51	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	235630	92.95	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1088200	70.24	ng		-0.03
78) Terphenyl-d14	12.91	244	1067185	74.92	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	63822	23.40	ng	#	31
3) Pyridine	3.10	79	204306	31.73	ng		96
4) n-Nitrosodimethylamine	3.04	42	101730	37.31	ng		86
6) Aniline	6.47	93	330842	34.17	ng		99
8) 2-Chlorophenol	6.59	128	280936	42.29	ng		81
9) Benzaldehyde	6.34	77	14461	2.96	ng		92
10) Phenol	6.46	94	346444	49.59	ng		76
11) bis(2-Chloroethyl)ether	6.55	93	257794	43.22	ng		85
12) 1,3-Dichlorobenzene	6.74	146	257778	36.17	ng		98
13) 1,4-Dichlorobenzene	6.82	146	269057	37.47	ng		98
14) 1,2-Dichlorobenzene	6.97	146	227325m	34.81	ng		
15) Benzyl Alcohol	6.95	79	198534	37.31	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	314242	39.00	ng		95
17) 2-Methylphenol	7.06	107	233191	43.29	ng		98
18) Hexachloroethane	7.31	117	92635	36.36	ng	#	83
19) n-Nitroso-di-n-propylamine	7.23	70	175380	40.31	ng	#	80
20) 3+4-Methylphenols	7.22	107	252081	40.10	ng	#	88
22) Acetophenone	7.22	105	332009	35.94	ng	#	89
24) Nitrobenzene	7.39	77	300815	43.87	ng		97
25) Isophorone	7.63	82	509278	38.84	ng		100
26) 2-Nitrophenol	7.71	139	162496	44.24	ng	#	73
27) 2,4-Dimethylphenol	7.75	122	269903	39.91	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	343142	42.20	ng		98
29) 2,4-Dichlorophenol	7.95	162	249103	44.12	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	225183	36.63	ng		99
31) Naphthalene	8.11	128	744760	36.41	ng		100
32) Benzoic acid	7.88	122	178340	47.89	ng		94
33) 4-Chloroaniline	8.17	127	308340	33.76	ng	#	91
34) Hexachlorobutadiene	8.24	225	124072	38.26	ng		100
35) Caprolactam	8.54	113	94241m	50.39	ng		
36) 4-Chloro-3-methylphenol	8.65	107	254894	42.21	ng		99
37) 2-Methylnaphthalene	8.81	142	576770	42.78	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	212378	30.57	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	226643	58.52	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	171077	35.63	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	173292	34.69	ng	#	93
45) 1,1'-Biphenyl	9.28	154	671822	36.05	ng		94
46) 2-Chloronaphthalene	9.30	162	515597	33.19	ng	#	91
47) 2-Nitroaniline	9.39	65	173920	37.95	ng	#	85
48) Acenaphthylene	9.71	152	918783	37.18	ng		99
49) Dimethylphthalate	9.58	163	584234	33.59	ng		99
50) 2,6-Dinitrotoluene	9.63	165	140492	35.27	ng	#	64
51) Acenaphthene	9.88	154	666526	43.24	ng		99
52) 3-Nitroaniline	9.80	138	163550	35.59	ng		89
53) 2,4-Dinitrophenol	9.91	184	158678	74.12	ng		97
54) Dibenzofuran	10.06	168	841447	39.63	ng		93
55) 4-Nitrophenol	9.98	139	308304	86.43	ng	#	81
56) 2,4-Dinitrotoluene	10.04	165	235797	46.07	ng		97
57) Fluorene	10.40	166	664924	46.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	155043	39.50	ng	#	52
59) Diethylphthalate	10.27	149	674076	38.29	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	243844	34.54	ng		95
61) 4-Nitroaniline	10.42	138	190016	43.59	ng		99
62) Azobenzene	10.55	77	672692	38.64	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	104616	38.39	ng		96
65) n-Nitrosodiphenylamine	10.51	169	606758	41.40	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	180291	38.05	ng	#	92
67) Hexachlorobenzene	10.95	284	196576	39.93	ng	#	71
68) Atrazine	11.04	200	154722	34.86	ng		92
69) Pentachlorophenol	11.14	266	230830	88.94	ng		98
70) Phenanthrene	11.36	178	1003656	43.30	ng		99
71) Anthracene	11.41	178	836909	35.80	ng		100
72) Carbazole	11.57	167	980715	44.83	ng		99
73) Di-n-butylphthalate	11.90	149	951232	34.35	ng		100
74) Fluoranthene	12.54	202	878762	35.93	ng		98
76) Benzidine	12.66	184	475983	53.04	ng		98
77) Pyrene	12.77	202	891740	37.08	ng		100
79) Butylbenzylphthalate	13.39	149	446233	41.96	ng		89
80) Benzo(a)anthracene	13.95	228	743757	40.27	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	193680	38.99	ng	#	97
82) Chrysene	14.00	228	794436	45.72	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	501531	38.74	ng		100
84) Di-n-octyl phthalate	14.57	149	999710	47.53	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	641756	39.75	ng	#	100
87) Benzo(b)fluoranthene	14.98	252	788679m	41.00	ng		
88) Benzo(k)fluoranthene	15.01	252	540824m	37.27	ng		
89) Benzo(a)pyrene	15.33	252	639492	41.09	ng	#	96
90) Dibenzo(a,h)anthracene	16.77	278	528564	36.57	ng		97
91) Benzo(g,h,i)perylene	17.17	276	554518	37.30	ng		99

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

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