Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087928.D
Acq On : 12 Jun 2016 4:52
Operator : UM/SJ
Sample : PB91249BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91249BS

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6/13/2016 7:44:38 PM

Quant Time: Jun 12 06:10:02 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	99468	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	429107	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	207074	20.00	ng		-0.03
63) Phenanthrene-d10	11.33	188	393263	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	264617	20.00	ng		-0.02
86) Perylene-d12	15.37	264	241473	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	811577	139.48	ng		-0.02
7) Phenol-d6	6.44	99	993623	140.91	ng		-0.03
23) Nitrobenzene-d5	7.37	82	588020	80.02	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	262827	120.21	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1254985	95.92	ng		-0.03
78) Terphenyl-d14	12.91	244	939881	80.82	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	101021	35.73	ng	#	38
3) Pyridine	3.13	79	259885	38.93	ng		95
4) n-Nitrosodimethylamine	3.07	42	122892	43.47	ng		86
6) Aniline	6.47	93	234402	23.35	ng		98
8) 2-Chlorophenol	6.58	128	307071	44.59	ng		98
9) Benzaldehyde	6.34	77	11550	2.43	ng		98
10) Phenol	6.46	94	421548	58.66	ng		88
11) bis(2-Chloroethyl)ether	6.55	93	281747	45.57	ng	#	81
12) 1,3-Dichlorobenzene	6.74	146	323316	43.76	ng		96
13) 1,4-Dichlorobenzene	6.82	146	335464	45.07	ng		97
14) 1,2-Dichlorobenzene	6.97	146	284875m	42.08	ng		
15) Benzyl Alcohol	6.95	79	232876	42.21	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	361700	43.30	ng		94
17) 2-Methylphenol	7.06	107	260659	46.67	ng		98
18) Hexachloroethane	7.31	117	111357	42.16	ng	#	86
19) n-Nitroso-di-n-propylamine	7.22	70	193294	42.85	ng		93
20) 3+4-Methylphenols	7.22	107	319352	49.01	ng		94
22) Acetophenone	7.21	105	397115	41.41	ng	#	91
24) Nitrobenzene	7.39	77	340881	47.89	ng		97
25) Isophorone	7.63	82	601175	44.17	ng		98
26) 2-Nitrophenol	7.70	139	166589	43.69	ng		96
27) 2,4-Dimethylphenol	7.75	122	302029	43.02	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	401746	47.59	ng		99
29) 2,4-Dichlorophenol	7.95	162	294703	50.28	ng		93
30) 1,2,4-Trichlorobenzene	8.03	180	269387	42.21	ng		100
31) Naphthalene	8.11	128	927594	43.68	ng		99
32) Benzoic acid	7.88	122	198082	51.24	ng		93
33) 4-Chloroaniline	8.16	127	130034	13.71	ng		97
34) Hexachlorobutadiene	8.24	225	139593	41.47	ng		98
35) Caprolactam	8.54	113	96637m	49.77	ng		
36) 4-Chloro-3-methylphenol	8.65	107	294916	47.05	ng		99
37) 2-Methylnaphthalene	8.81	142	635446	45.40	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	238922	44.00	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	251419	75.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	199498	48.18	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	188758	43.81	ng	#	92
45) 1,1'-Biphenyl	9.27	154	696715	44.80	ng		99
46) 2-Chloronaphthalene	9.29	162	564764	42.15	ng		99
47) 2-Nitroaniline	9.39	65	200798	50.80	ng	#	73
48) Acenaphthylene	9.71	152	993197	46.60	ng		99
49) Dimethylphthalate	9.58	163	658646	43.91	ng		99
50) 2,6-Dinitrotoluene	9.63	165	151805	44.19	ng	#	67
51) Acenaphthene	9.88	154	656869	49.40	ng		99
52) 3-Nitroaniline	9.79	138	83422	21.05	ng		97
53) 2,4-Dinitrophenol	9.91	184	148741	79.20	ng		96
54) Dibenzofuran	10.06	168	887148	48.45	ng		97
55) 4-Nitrophenol	9.98	139	316657	102.92	ng	#	65
56) 2,4-Dinitrotoluene	10.03	165	215377	48.79	ng	#	59
57) Fluorene	10.40	166	614065	50.18	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	165240	48.81	ng	#	52
59) Diethylphthalate	10.27	149	672118	44.27	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	263962	43.35	ng		99
61) 4-Nitroaniline	10.42	138	191446	50.92	ng		92
62) Azobenzene	10.55	77	723069	48.16	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	112952	46.10	ng		83
65) n-Nitrosodiphenylamine	10.51	169	626172	47.99	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	191687	45.43	ng		97
67) Hexachlorobenzene	10.94	284	183436	41.85	ng		96
68) Atrazine	11.04	200	184157	46.60	ng		92
69) Pentachlorophenol	11.13	266	209910	90.84	ng		96
70) Phenanthrene	11.35	178	912214	44.20	ng		100
71) Anthracene	11.41	178	963871	46.30	ng		100
72) Carbazole	11.55	167	859268	44.11	ng		99
73) Di-n-butylphthalate	11.90	149	979753	39.73	ng		100
74) Fluoranthene	12.54	202	866443	39.79	ng		99
76) Benzidine	12.66	184	286091	39.05	ng		97
77) Pyrene	12.77	202	932496	47.49	ng		100
79) Butylbenzylphthalate	13.39	149	425827	49.05	ng		97
80) Benzo(a)anthracene	13.95	228	640886	42.50	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	116339	28.69	ng		99
82) Chrysene	13.99	228	625502	44.09	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	481156	45.53	ng	#	98
84) Di-n-octyl phthalate	14.56	149	922819	53.74	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	612099	46.44	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	649929	38.62	ng	#	95
88) Benzo(k)fluoranthene	15.01	252	658947m	51.90	ng		
89) Benzo(a)pyrene	15.31	252	607967	44.65	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	503295	39.80	ng		97
91) Benzo(g,h,i)perylene	17.15	276	527049	40.51	ng		99

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

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