Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087926.D
Acq On : 12 Jun 2016 3:53
Operator : UM/SJ
Sample : PB91213BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91213BS

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6/13/2016 7:44:41 PM

Quant Time: Jun 12 06:07:16 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	104015	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	436137	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	238935	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	434248	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	339965	20.00	ng		-0.02
86) Perylene-d12	15.37	264	278756	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	760972	125.07	ng		-0.02
7) Phenol-d6	6.44	99	881553	119.55	ng		-0.03
23) Nitrobenzene-d5	7.37	82	536706	71.86	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	244129	96.77	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1181355	77.16	ng		-0.03
78) Terphenyl-d14	12.91	244	953387	63.81	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	104755	35.43	ng	#	24
3) Pyridine	3.14	79	335137	48.01	ng		95
4) n-Nitrosodimethylamine	3.10	42	136769	46.26	ng		87
6) Aniline	6.47	93	289155	27.55	ng		98
8) 2-Chlorophenol	6.58	128	305342	42.40	ng		98
9) Benzaldehyde	6.34	77	12077	2.43	ng		97
10) Phenol	6.46	94	395936	52.42	ng		81
11) bis(2-Chloroethyl)ether	6.55	93	273665	42.33	ng	#	81
12) 1,3-Dichlorobenzene	6.74	146	316332	40.94	ng		97
13) 1,4-Dichlorobenzene	6.82	146	334266	42.94	ng		97
14) 1,2-Dichlorobenzene	6.97	146	284693m	40.22	ng		
15) Benzyl Alcohol	6.95	79	233745	40.52	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	355706	40.72	ng		94
17) 2-Methylphenol	7.06	107	251299	43.03	ng		99
18) Hexachloroethane	7.31	117	111004	40.19	ng	#	88
19) n-Nitroso-di-n-propylamine	7.22	70	203173	43.07	ng		92
20) 3+4-Methylphenols	7.22	107	307865	45.18	ng		91
22) Acetophenone	7.22	105	401538	41.20	ng	#	90
24) Nitrobenzene	7.39	77	334283	46.21	ng		97
25) Isophorone	7.63	82	579777	41.91	ng		98
26) 2-Nitrophenol	7.70	139	167359	43.18	ng		94
27) 2,4-Dimethylphenol	7.75	122	296218	41.51	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	397739	46.35	ng		99
29) 2,4-Dichlorophenol	7.95	162	293533	49.27	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	261412	40.30	ng		100
31) Naphthalene	8.11	128	920772	42.66	ng		99
32) Benzoic acid	7.88	122	189571	48.25	ng		96
33) 4-Chloroaniline	8.16	127	198742	20.62	ng		99
34) Hexachlorobutadiene	8.24	225	141019	41.22	ng		99
35) Caprolactam	8.55	113	101586m	51.48	ng		
36) 4-Chloro-3-methylphenol	8.65	107	272777	42.81	ng		99
37) 2-Methylnaphthalene	8.81	142	610085	42.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	233026	34.74	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	250157	64.91	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	198082	41.46	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	187121	37.64	ng	#	91
45) 1,1'-Biphenyl	9.27	154	767382	42.43	ng		100
46) 2-Chloronaphthalene	9.29	162	611772	39.57	ng		99
47) 2-Nitroaniline	9.39	65	215486	47.24	ng	#	81
48) Acenaphthylene	9.71	152	1072230	43.60	ng		99
49) Dimethylphthalate	9.58	163	706670	40.83	ng		99
50) 2,6-Dinitrotoluene	9.63	165	160318	40.45	ng	#	65
51) Acenaphthene	9.88	154	721718	47.04	ng		99
52) 3-Nitroaniline	9.80	138	140161	30.64	ng	#	77
53) 2,4-Dinitrophenol	9.91	184	162983	76.01	ng		98
54) Dibenzofuran	10.06	168	930613	44.04	ng		95
55) 4-Nitrophenol	9.98	139	328184	92.45	ng	#	82
56) 2,4-Dinitrotoluene	10.04	165	251554	49.38	ng		96
57) Fluorene	10.40	166	685404	48.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	172641	44.19	ng	#	52
59) Diethylphthalate	10.27	149	723509	41.30	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	275590	39.22	ng		99
61) 4-Nitroaniline	10.42	138	197429	45.51	ng		99
62) Azobenzene	10.55	77	730860	42.19	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	108556	40.40	ng		96
65) n-Nitrosodiphenylamine	10.51	169	673151	46.72	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	210915	45.27	ng		99
67) Hexachlorobenzene	10.94	284	197392	40.78	ng		95
68) Atrazine	11.04	200	176291	40.40	ng		92
69) Pentachlorophenol	11.13	266	235725	92.38	ng		96
70) Phenanthrene	11.35	178	990363	43.46	ng		100
71) Anthracene	11.40	178	956333	41.61	ng		99
72) Carbazole	11.56	167	1021103	47.47	ng		98
73) Di-n-butylphthalate	11.90	149	1095639	40.24	ng		100
74) Fluoranthene	12.54	202	941144	39.14	ng		99
76) Benzidine	12.66	184	371571	39.47	ng		98
77) Pyrene	12.76	202	986436	39.10	ng		99
79) Butylbenzylphthalate	13.39	149	517767	46.42	ng		99
80) Benzo(a)anthracene	13.95	228	744306	38.42	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	182771	35.08	ng	#	99
82) Chrysene	13.99	228	745036	40.88	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	549493	40.47	ng	#	98
84) Di-n-octyl phthalate	14.56	149	1055632	47.85	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	696484	41.13	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	720049m	37.06	ng		
88) Benzo(k)fluoranthene	15.01	252	743694m	50.74	ng		
89) Benzo(a)pyrene	15.31	252	677585	43.11	ng		100
90) Dibenzo(a,h)anthracene	16.77	278	578885	39.65	ng		98
91) Benzo(g,h,i)perylene	17.15	276	594184	39.56	ng		98

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

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