Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092076.D
Acq On : 4 Jan 2017 19:02
Operator : UM/SJ
Sample : PB95751BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95751BSD

Manual Integrations APPROVED
Sohil
1/5/2017 4:02:15 PM

Quant Time: Jan 05 00:25:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 05 00:16:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	348335	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	1388822	20.00	ng		-0.01
38) Acenaphthene-d10	9.70	164	740888	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	572474	20.00	ng		0.00
75) Chrysene-d12	13.81	240	447797	20.00	ng		0.00
86) Perylene-d12	15.18	264	391750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1588273	76.13	ng		0.02
7) Phenol-d6	6.33	99	2125975	83.47	ng		0.00
23) Nitrobenzene-d5	7.24	82	1416855	56.73	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	506281	82.57	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	2221783	57.23	ng		0.00
78) Terphenyl-d14	12.77	244	1272338	68.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	218467	21.27	ng		97
3) Pyridine	2.87	79	673253	18.78	ng		98
4) n-Nitrosodimethylamine	2.84	42	307293	22.73	ng		98
6) Aniline	6.33	93	359380	10.86	ng		87
8) 2-Chlorophenol	6.46	128	633484	26.70	ng		87
9) Benzaldehyde	6.21	77	52240	2.52	ng		99
10) Phenol	6.34	94	907939	31.28	ng	#	72
11) bis(2-Chloroethyl)ether	6.41	93	666966	28.88	ng		91
12) 1,3-Dichlorobenzene	6.60	146	643511m	25.40	ng		
13) 1,4-Dichlorobenzene	6.68	146	637860	24.74	ng		100
14) 1,2-Dichlorobenzene	6.84	146	611239	27.32	ng		96
15) Benzyl Alcohol	6.82	79	525221	26.54	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	883528	25.69	ng	#	25
17) 2-Methylphenol	6.95	107	533583	27.96	ng	#	93
18) Hexachloroethane	7.17	117	249520	26.10	ng	#	85
19) n-Nitroso-di-n-propylamine	7.09	70	453459	26.76	ng		99
20) 3+4-Methylphenols	7.10	107	704464	30.95	ng	#	71
22) Acetophenone	7.08	105	933652	27.26	ng		94
24) Nitrobenzene	7.25	77	674281	25.35	ng		100
25) Isophorone	7.50	82	1286117	27.91	ng		98
26) 2-Nitrophenol	7.57	139	328177	25.02	ng		97
27) 2,4-Dimethylphenol	7.62	122	536551	24.66	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	823752	29.48	ng		99
29) 2,4-Dichlorophenol	7.82	162	497604	27.01	ng		89
30) 1,2,4-Trichlorobenzene	7.90	180	549202	27.20	ng		99
31) Naphthalene	7.97	128	1677705	26.39	ng		99
32) Benzoic acid	7.77	122	397879	24.65	ng		99
33) 4-Chloroaniline	8.02	127	195592	6.82	ng		98
34) Hexachlorobutadiene	8.09	225	290669	27.27	ng		99
35) Caprolactam	8.40	113	165906m	27.40	ng		
36) 4-Chloro-3-methylphenol	8.54	107	567153	26.75	ng	#	85
37) 2-Methylnaphthalene	8.66	142	1188692	26.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	479354	25.61	ng		99
40) Hexachlorocyclopentadiene	8.81	237	467009	57.21	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	336115	25.68	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	323640	24.02	ng		97
45) 1,1'-Biphenyl	9.13	154	1391570	27.43	ng		97
46) 2-Chloronaphthalene	9.14	162	1032722	25.71	ng		94
47) 2-Nitroaniline	9.25	65	352547	24.65	ng		97
48) Acenaphthylene	9.57	152	1615216	26.14	ng		98
49) Dimethylphthalate	9.44	163	1281650	27.05	ng		100
50) 2,6-Dinitrotoluene	9.50	165	285536	27.53	ng		89
51) Acenaphthene	9.73	154	1007877	24.06	ng		99
52) 3-Nitroaniline	9.66	138	130884	10.20	ng		96
53) 2,4-Dinitrophenol	9.77	184	235710	40.84	ng	#	51
54) Dibenzofuran	9.91	168	1437516	25.41	ng		92
55) 4-Nitrophenol	9.85	139	376286	43.18	ng		94
56) 2,4-Dinitrotoluene	9.90	165	315430	24.23	ng	#	77
57) Fluorene	10.24	166	982047	23.86	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	287139m	26.95	ng		
59) Diethylphthalate	10.14	149	1211591	26.33	ng		96
60) 4-Chlorophenyl-phenylether	10.24	204	460230	25.54	ng		95
61) 4-Nitroaniline	10.28	138	256799	19.31	ng		98
62) Azobenzene	10.40	77	1408199	27.79	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	193627	55.93	ng		75
65) n-Nitrosodiphenylamine	10.37	169	1013175	59.64	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	259447	43.57	ng	#	78
67) Hexachlorobenzene	10.79	284	252656	39.69	ng	#	88
68) Atrazine	10.89	200	243525	44.44	ng		97
69) Pentachlorophenol	11.00	266	172206	55.14	ng		99
70) Phenanthrene	11.20	178	827197	26.65	ng		98
71) Anthracene	11.25	178	813571	25.63	ng		99
72) Carbazole	11.42	167	729126	23.55	ng		97
73) Di-n-butylphthalate	11.75	149	907575	29.44	ng		98
74) Fluoranthene	12.38	202	788174	27.45	ng		96
76) Benzidine	12.52	184	205026	14.43	ng		96
77) Pyrene	12.61	202	796836	24.25	ng		99
79) Butylbenzylphthalate	13.24	149	377579	25.27	ng		92
80) Benzo(a)anthracene	13.80	228	726058	28.72	ng		100
81) 3,3'-Dichlorobenzidine	13.76	252	131773	13.75	ng		97
82) Chrysene	13.83	228	601629	23.73	ng		98
83) Bis(2-ethylhexyl)phthalate	13.81	149	543586	30.89	ng	#	97
84) Di-n-octyl phthalate	14.41	149	882275	27.06	ng		99
85) Indeno(1,2,3-cd)pyrene	16.46	276	596091	27.14	ng	#	93
87) Benzo(b)fluoranthene	14.80	252	629700m	25.82	ng		
88) Benzo(k)fluoranthene	14.83	252	585980m	28.17	ng		
89) Benzo(a)pyrene	15.12	252	572251	26.43	ng		99
90) Dibenzo(a,h)anthracene	16.47	278	491984	27.65	ng		96
91) Benzo(g,h,i)perylene	16.85	276	492155	26.60	ng		96

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

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