Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101474.D
Acq On : 18 Dec 2017 12:21
Operator : SJ/JU
Sample : PB105093BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 18 15:46:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB105093BS

Manual Integrations APPROVED
Sohil
12/19/2017 4:49:23 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	173260	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	704999	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	327211	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	634788	20.00	ng		0.00
75) Chrysene-d12	13.99	240	474393	20.00	ng		0.00
86) Perylene-d12	15.45	264	373790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1239070	106.53	ng		0.02
7) Phenol-d6	6.46	99	1508949	104.24	ng		0.00
23) Nitrobenzene-d5	7.38	82	992917	78.40	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	401655	127.39	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1680748	79.68	ng		0.00
78) Terphenyl-d14	12.92	244	1692504	86.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	187719	31.409	ng		96
3) Pyridine	3.40	79	488384	29.411	ng		96
4) n-Nitrosodimethylamine	3.36	42	246864	32.288	ng		99
6) Aniline	6.48	93	200750	9.979	ng	#	82
8) 2-Chlorophenol	6.60	128	432778	35.371	ng		100
9) Benzaldehyde	6.36	77	109075	10.203	ng		100
10) Phenol	6.47	94	529535	32.095	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	448455	34.652	ng		95
12) 1,3-Dichlorobenzene	6.75	146	479926	34.754	ng		100
13) 1,4-Dichlorobenzene	6.82	146	494096	35.038	ng		98
14) 1,2-Dichlorobenzene	6.97	146	439930	34.658	ng		99
15) Benzyl Alcohol	6.96	79	316234	31.739	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	721380	36.421	ng		74
17) 2-Methylphenol	7.07	107	358874	31.886	ng	#	92
18) Hexachloroethane	7.31	117	173873	35.463	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	302863	31.858	ng		94
20) 3+4-Methylphenols	7.23	107	462982	38.819	ng	#	65
22) Acetophenone	7.22	105	599773	37.284	ng	#	92
24) Nitrobenzene	7.40	77	475828	33.947	ng		99
25) Isophorone	7.63	82	896446	35.284	ng		99
26) 2-Nitrophenol	7.71	139	250719	41.635	ng		96
27) 2,4-Dimethylphenol	7.75	122	400777	39.175	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	564227	34.961	ng		98
29) 2,4-Dichlorophenol	7.96	162	391014	38.687	ng		100
30) 1,2,4-Trichlorobenzene	8.03	180	384762	36.073	ng		97
31) Naphthalene	8.11	128	1235421	34.808	ng		99
32) Benzoic acid	7.90	122	149410	26.041	ng		99
33) 4-Chloroaniline	8.17	127	89261	5.786	ng		97
34) Hexachlorobutadiene	8.22	225	222911	36.134	ng		97
35) Caprolactam	8.56	113	135965m	38.742	ng		
36) 4-Chloro-3-methylphenol	8.66	107	399543	35.966	ng		99
37) 2-Methylnaphthalene	8.80	142	837369	36.212	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	402147	36.402	ng		97
40) Hexachlorocyclopentadiene	8.95	237	168012	73.100	ng		97

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	253818	38.163	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	262607	36.061	ng		97
45) 1,1'-Biphenyl	9.27	154	1024785	35.315	ng		99
46) 2-Chloronaphthalene	9.30	162	774877	34.898	ng		96
47) 2-Nitroaniline	9.40	65	262537	34.227	ng		97
48) Acenaphthylene	9.71	152	1136660	32.411	ng		100
49) Dimethylphthalate	9.57	163	898036	34.120	ng		100
50) 2,6-Dinitrotoluene	9.65	165	202509	37.857	ng		98
51) Acenaphthene	9.88	154	705541	33.485	ng		99
52) 3-Nitroaniline	9.82	138	87769	13.160	ng		98
53) 2,4-Dinitrophenol	9.94	184	109027	61.290	ng	#	17
54) Dibenzofuran	10.06	168	959115	35.819	ng		99
55) 4-Nitrophenol	10.00	139	221347	76.115	ng		93
56) 2,4-Dinitrotoluene	10.06	165	235667	39.103	ng	#	87
57) Fluorene	10.40	166	817905	36.108	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	216551	41.389	ng	#	86
59) Diethylphthalate	10.27	149	900846	34.563	ng		96
60) 4-Chlorophenyl-phenylether	10.39	204	396201	36.496	ng		91
61) 4-Nitroaniline	10.44	138	194508	29.016	ng		91
62) Azobenzene	10.55	77	887202	32.859	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	103218	31.864	ng		80
65) n-Nitrosodiphenylamine	10.51	169	742182	31.664	ng		97
66) 4-Bromophenyl-phenylether	10.87	248	258990	36.310	ng	#	88
67) Hexachlorobenzene	10.95	284	270312	35.808	ng	#	87
68) Atrazine	11.04	200	191798	27.443	ng		96
69) Pentachlorophenol	11.15	266	205194	70.726	ng		98
70) Phenanthrene	11.36	178	1206036	34.164	ng		99
71) Anthracene	11.42	178	1252868	34.744	ng		100
72) Carbazole	11.57	167	1091033	32.316	ng		99
73) Di-n-butylphthalate	11.89	149	1415081	34.534	ng		100
74) Fluoranthene	12.56	202	1280955	34.570	ng		97
76) Benzidine	12.68	184	59624	2.976	ng		97
77) Pyrene	12.79	202	1306145	36.686	ng		99
79) Butylbenzylphthalate	13.39	149	585843	36.366	ng	#	93
80) Benzo(a)anthracene	13.98	228	1113060	35.533	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	138427	13.553	ng	#	99
82) Chrysene	14.02	228	1039296	35.139	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	763472	37.417	ng		99
84) Di-n-octyl phthalate	14.55	149	1163685	31.978	ng		99
85) Indeno(1,2,3-cd)pyrene	16.94	276	800614	30.398	ng		96
87) Benzo(b)fluoranthene	15.03	252	827597	36.325	ng		99
88) Benzo(k)fluoranthene	15.06	252	820393	37.035	ng		98
89) Benzo(a)pyrene	15.39	252	766417	36.491	ng		99
90) Dibenzo(a,h)anthracene	16.94	278	663907	36.816	ng		97
91) Benzo(g,h,i)perylene	17.38	276	724394	40.568	ng		96

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

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