Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101440.D
Acq On : 15 Dec 2017 14:03
Operator : SJ/JU
Sample : PB104983BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104983BS

Manual Integrations APPROVED
Sohil
12/15/2017 7:50:45 PM

Quant Time: Dec 15 17:42:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	166476	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	683864	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	319001	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	617184	20.00	ng		0.00
75) Chrysene-d12	14.00	240	455074	20.00	ng		0.00
86) Perylene-d12	15.47	264	378849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1254392	112.24	ng		0.02
7) Phenol-d6	6.46	99	1546412	111.18	ng		0.00
23) Nitrobenzene-d5	7.39	82	1009559	82.18	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	381170	124.01	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1689845	82.17	ng		0.00
78) Terphenyl-d14	12.93	244	1685367	89.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	201510	35.090	ng		95
3) Pyridine	3.42	79	553021	34.661	ng		97
4) n-Nitrosodimethylamine	3.37	42	285585	38.875	ng		100
6) Aniline	6.49	93	272306	14.088	ng	#	80
8) 2-Chlorophenol	6.60	128	457047	38.876	ng		95
9) Benzaldehyde	6.37	77	355094	34.569	ng		97
10) Phenol	6.47	94	571351	36.041	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	470419	37.830	ng		96
12) 1,3-Dichlorobenzene	6.76	146	502309	37.857	ng		99
13) 1,4-Dichlorobenzene	6.83	146	503608	37.168	ng		97
14) 1,2-Dichlorobenzene	6.99	146	451230	36.997	ng		98
15) Benzyl Alcohol	6.97	79	347624	36.311	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	776614	40.807	ng		71
17) 2-Methylphenol	7.08	107	391681	36.219	ng	#	89
18) Hexachloroethane	7.32	117	178659	37.925	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	315530	34.543	ng		92
20) 3+4-Methylphenols	7.23	107	486991	42.496	ng	#	62
22) Acetophenone	7.23	105	621934	39.857	ng	#	92
24) Nitrobenzene	7.40	77	513787	37.788	ng		98
25) Isophorone	7.64	82	971741	39.430	ng		98
26) 2-Nitrophenol	7.72	139	264315	45.249	ng		96
27) 2,4-Dimethylphenol	7.76	122	431908	43.523	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	605524	38.679	ng		98
29) 2,4-Dichlorophenol	7.96	162	414061	42.233	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	397636	38.433	ng		97
31) Naphthalene	8.12	128	1298283	37.710	ng		100
32) Benzoic acid	7.92	122	239118	37.791	ng		97
33) 4-Chloroaniline	8.18	127	109907	7.345	ng		99
34) Hexachlorobutadiene	8.23	225	224085	37.447	ng		98
35) Caprolactam	8.57	113	153052m	44.958	ng		
36) 4-Chloro-3-methylphenol	8.67	107	439429	40.779	ng		99
37) 2-Methylnaphthalene	8.81	142	879394	39.205	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	418172	38.826	ng		97
40) Hexachlorocyclopentadiene	8.96	237	179362	77.127	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	275718	42.523	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	280745	39.544	ng		95
45) 1,1'-Biphenyl	9.27	154	1079724	38.165	ng		99
46) 2-Chloronaphthalene	9.30	162	825233	38.123	ng		98
47) 2-Nitroaniline	9.41	65	297807	39.825	ng		92
48) Acenaphthylene	9.72	152	1227959	35.915	ng		99
49) Dimethylphthalate	9.57	163	958068	37.338	ng		99
50) 2,6-Dinitrotoluene	9.65	165	217966	41.795	ng	#	89
51) Acenaphthene	9.89	154	742707	36.156	ng		99
52) 3-Nitroaniline	9.82	138	111779	17.192	ng		96
53) 2,4-Dinitrophenol	9.95	184	81702	49.499	ng	#	19
54) Dibenzofuran	10.06	168	1032054	39.535	ng		98
55) 4-Nitrophenol	10.00	139	242061	85.380	ng		92
56) 2,4-Dinitrotoluene	10.06	165	253867	43.207	ng	#	80
57) Fluorene	10.41	166	854211	38.681	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	233859	45.848	ng	#	87
59) Diethylphthalate	10.27	149	967982	38.095	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	414143	39.130	ng		94
61) 4-Nitroaniline	10.45	138	221664	33.918	ng		97
62) Azobenzene	10.56	77	970452	36.868	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	93779	29.775	ng		85
65) n-Nitrosodiphenylamine	10.52	169	828628	36.361	ng		95
66) 4-Bromophenyl-phenylether	10.89	248	268994	38.789	ng	#	87
67) Hexachlorobenzene	10.96	284	278194	37.903	ng		93
68) Atrazine	11.05	200	279632	41.152	ng		96
69) Pentachlorophenol	11.16	266	228872	80.172	ng		97
70) Phenanthrene	11.37	178	1267823	36.939	ng		99
71) Anthracene	11.43	178	1321136	37.683	ng		100
72) Carbazole	11.59	167	1203241	36.657	ng		99
73) Di-n-butylphthalate	11.90	149	1495621	37.540	ng		100
74) Fluoranthene	12.57	202	1364566	37.877	ng		97
76) Benzidine	12.69	184	267949	13.941	ng		98
77) Pyrene	12.80	202	1411267	41.322	ng		99
79) Butylbenzylphthalate	13.40	149	630270	40.785	ng		97
80) Benzo(a)anthracene	13.99	228	1160923	38.634	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	208530	21.283	ng	#	98
82) Chrysene	14.03	228	1100554	38.790	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	876285	44.769	ng		99
84) Di-n-octyl phthalate	14.56	149	1231088	35.267	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	887696	35.135	ng		96
87) Benzo(b)fluoranthene	15.04	252	883441	38.258	ng		98
88) Benzo(k)fluoranthene	15.07	252	882398	39.302	ng		98
89) Benzo(a)pyrene	15.41	252	840834	39.499	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	729404	39.908	ng		97
91) Benzo(g,h,i)perylene	17.40	276	794521	43.901	ng		95

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

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