Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100383.D
Acq On : 10 Nov 2017 11:45
Operator : SJ/JU
Sample : PB104036BSD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Manual Integrations APPROVED
SOHIL
11/13/2017 4:43:09 PM

Quant Time: Nov 10 15:54:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159520	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	655286	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	316717	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	628201	20.00	ng		0.00
75) Chrysene-d12	14.07	240	486987	20.00	ng		0.00
86) Perylene-d12	15.54	264	386795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	684886	68.82	ng		0.00
7) Phenol-d6	6.52	99	848580	69.15	ng		0.00
23) Nitrobenzene-d5	7.46	82	762867	76.97	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	243829	75.55	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1436013	69.04	ng		0.00
78) Terphenyl-d14	13.01	244	1504173	70.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	142606	29.405	ng		96
3) Pyridine	3.55	79	399512	30.195	ng		94
4) n-Nitrosodimethylamine	3.50	42	202657	31.547	ng		96
6) Aniline	6.56	93	171772	9.908	ng		99
8) 2-Chlorophenol	6.69	128	373693	35.496	ng		98
9) Benzaldehyde	6.45	77	223828	25.541	ng		99
10) Phenol	6.54	94	455182	35.334	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	357317	33.022	ng		93
12) 1,3-Dichlorobenzene	6.84	146	402353	33.149	ng		97
13) 1,4-Dichlorobenzene	6.92	146	404328	32.913	ng		97
14) 1,2-Dichlorobenzene	7.07	146	378341	33.310	ng		97
15) Benzyl Alcohol	7.04	79	334465	34.923	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	652040	37.676	ng		97
17) 2-Methylphenol	7.15	107	320652	35.642	ng		99
18) Hexachloroethane	7.42	117	139986	34.561	ng		95
19) n-Nitroso-di-n-propylamine	7.31	70	261353	30.710	ng		93
20) 3+4-Methylphenols	7.30	107	390519	34.303	ng	#	88
22) Acetophenone	7.31	105	494402	30.941	ng	#	96
24) Nitrobenzene	7.48	77	395598	38.779	ng		98
25) Isophorone	7.72	82	727992	34.952	ng		100
26) 2-Nitrophenol	7.80	139	206820	43.774	ng		96
27) 2,4-Dimethylphenol	7.83	122	362519	38.826	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	457199	33.558	ng		99
29) 2,4-Dichlorophenol	8.03	162	327394	36.730	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	324900	33.697	ng		97
31) Naphthalene	8.20	128	1055725	33.449	ng		100
32) Benzoic acid	7.95	122	251889	37.723	ng		97
33) 4-Chloroaniline	8.25	127	63023	4.797	ng		97
34) Hexachlorobutadiene	8.32	225	187874	32.772	ng		100
35) Caprolactam	8.63	113	112398m	36.744	ng		
36) 4-Chloro-3-methylphenol	8.73	107	350492	36.612	ng		99
37) 2-Methylnaphthalene	8.90	142	733848	35.022	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	319280	30.396	ng		99
40) Hexachlorocyclopentadiene	9.05	237	396782	80.261	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	247102	37.118	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	256563	37.197	ng		93
45) 1,1'-Biphenyl	9.36	154	870211	31.768	ng		98
46) 2-Chloronaphthalene	9.39	162	680341	34.235	ng		97
47) 2-Nitroaniline	9.48	65	227557	39.289	ng		95
48) Acenaphthylene	9.80	152	1077858	32.728	ng		99
49) Dimethylphthalate	9.66	163	819729	33.899	ng		99
50) 2,6-Dinitrotoluene	9.72	165	188106	39.298	ng		95
51) Acenaphthene	9.97	154	727507	36.322	ng		99
52) 3-Nitroaniline	9.89	138	70106	12.403	ng		94
53) 2,4-Dinitrophenol	9.99	184	188876	86.541	ng	#	20
54) Dibenzofuran	10.15	168	959078	34.164	ng		99
55) 4-Nitrophenol	10.05	139	332778	72.507	ng		95
56) 2,4-Dinitrotoluene	10.13	165	257216	42.596	ng		85
57) Fluorene	10.49	166	714213	34.730	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	217891	38.545	ng	#	88
59) Diethylphthalate	10.36	149	814111	33.642	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	347654	34.461	ng		92
61) 4-Nitroaniline	10.50	138	192081	35.839	ng		95
62) Azobenzene	10.64	77	778918	34.175	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	123682	40.601	ng		91
65) n-Nitrosodiphenylamine	10.60	169	701131	32.098	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	229075	34.017	ng		91
67) Hexachlorobenzene	11.03	284	239349	33.983	ng		92
68) Atrazine	11.12	200	228008	34.484	ng		98
69) Pentachlorophenol	11.23	266	291838	57.785	ng		97
70) Phenanthrene	11.45	178	1099418	33.240	ng		99
71) Anthracene	11.50	178	1136965	33.882	ng		99
72) Carbazole	11.66	167	1015178	32.787	ng		99
73) Di-n-butylphthalate	11.98	149	1271651	35.095	ng		99
74) Fluoranthene	12.64	202	1190919	33.974	ng		98
76) Benzidine	12.76	184	269748	13.831	ng		97
77) Pyrene	12.87	202	1226521	35.332	ng		100
79) Butylbenzylphthalate	13.48	149	544136	38.436	ng		99
80) Benzo(a)anthracene	14.06	228	1021957	34.848	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	194260	18.488	ng	#	96
82) Chrysene	14.09	228	964866	33.976	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	721005	38.722	ng		100
84) Di-n-octyl phthalate	14.65	149	1125078	35.172	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	738728	32.160	ng		96
87) Benzo(b)fluoranthene	15.11	252	840890	36.695	ng		99
88) Benzo(k)fluoranthene	15.14	252	722478	33.368	ng		98
89) Benzo(a)pyrene	15.49	252	712731	35.083	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	615552	37.050	ng		99
91) Benzo(g,h,i)perylene	17.50	276	650936	40.024	ng		95

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

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