Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098686.D
Acq On : 22 Sep 2017 8:52
Operator : SJ/JU
Sample : PB102454BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Manual Integrations APPROVED
Sohil
9/25/2017 6:20:54 PM

Quant Time: Sep 22 11:59:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 11:54:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	157491	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	662730	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	307365	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	541525	20.00	ng		0.00
75) Chrysene-d12	14.09	240	448400	20.00	ng		0.00
86) Perylene-d12	15.58	264	381656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1291054	124.48	ng		0.02
7) Phenol-d6	6.55	99	1569606	124.98	ng		0.00
23) Nitrobenzene-d5	7.49	82	950198	97.25	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	388139	138.08	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1700579	88.04	ng		0.00
78) Terphenyl-d14	13.03	244	1608221	77.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	169511	34.602	ng		97
3) Pyridine	3.60	79	501703	38.535	ng		99
4) n-Nitrosodimethylamine	3.55	42	229310	40.196	ng		96
6) Aniline	6.59	93	525418	31.581	ng		99
8) 2-Chlorophenol	6.72	128	444095	39.419	ng		95
9) Benzaldehyde	6.47	77	138741	19.695	ng		99
10) Phenol	6.56	94	528289	38.111	ng		99
11) bis(2-Chloroethyl)ether	6.66	93	424583	39.759	ng		99
12) 1,3-Dichlorobenzene	6.87	146	467205	39.261	ng		100
13) 1,4-Dichlorobenzene	6.95	146	471403	39.139	ng		98
14) 1,2-Dichlorobenzene	7.10	146	441148	39.275	ng		99
15) Benzyl Alcohol	7.06	79	389695	43.001	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	688446	40.455	ng		99
17) 2-Methylphenol	7.17	107	379829	41.375	ng		99
18) Hexachloroethane	7.44	117	170820	41.198	ng		95
19) n-Nitroso-di-n-propylamine	7.34	70	303513	39.010	ng		99
20) 3+4-Methylphenols	7.32	107	474918	40.125	ng		94
22) Acetophenone	7.33	105	610352	37.230	ng	#	98
24) Nitrobenzene	7.51	77	463386	41.065	ng		97
25) Isophorone	7.75	82	845455	39.677	ng		99
26) 2-Nitrophenol	7.82	139	223863	45.165	ng		97
27) 2,4-Dimethylphenol	7.85	122	423471	40.467	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	541766	40.860	ng		99
29) 2,4-Dichlorophenol	8.06	162	371801	41.303	ng		100
30) 1,2,4-Trichlorobenzene	8.15	180	365311	40.236	ng		99
31) Naphthalene	8.23	128	1260686	40.079	ng		100
32) Benzoic acid	7.97	122	257019	39.200	ng		99
33) 4-Chloroaniline	8.27	127	342811	26.214	ng		97
34) Hexachlorobutadiene	8.35	225	193522	39.563	ng		99
35) Caprolactam	8.65	113	123606m	44.035	ng		
36) 4-Chloro-3-methylphenol	8.75	107	400888	39.016	ng		96
37) 2-Methylnaphthalene	8.92	142	871365	43.144	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	317037	34.876	ng		99
40) Hexachlorocyclopentadiene	9.07	237	401717	101.693	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	255456	41.699 ng	100
43) 2,4,5-Trichlorophenol	9.23	196	255241	40.632 ng	96
45) 1,1'-Biphenyl	9.39	154	984739	37.292 ng	99
46) 2-Chloronaphthalene	9.41	162	778124	39.296 ng	99
47) 2-Nitroaniline	9.50	65	246499	44.336 ng	99
48) Acenaphthylene	9.83	152	1199305	39.379 ng	99
49) Dimethylphthalate	9.69	163	908621	39.420 ng	99
50) 2,6-Dinitrotoluene	9.74	165	202547	44.532 ng	96
51) Acenaphthene	10.00	154	771061	40.787 ng	99
52) 3-Nitroaniline	9.92	138	180659	33.320 ng	94
53) 2,4-Dinitrophenol	10.02	184	113050	63.128 ng	100
54) Dibenzofuran	10.17	168	1075365	41.659 ng	97
55) 4-Nitrophenol	10.07	139	392375	83.161 ng	95
56) 2,4-Dinitrotoluene	10.14	165	274572	44.936 ng	99
57) Fluorene	10.52	166	819706	39.508 ng	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	208026	46.547 ng	99
59) Diethylphthalate	10.39	149	900131	39.850 ng	98
60) 4-Chlorophenyl-phenylether	10.50	204	363171	39.956 ng	97
61) 4-Nitroaniline	10.53	138	235585	45.303 ng	95
62) Azobenzene	10.66	77	897077	42.464 ng	99
64) 4,6-Dinitro-2-methylphenol	10.55	198	97298	38.260 ng	98
65) n-Nitrosodiphenylamine	10.62	169	747637	40.110 ng	100
66) 4-Bromophenyl-phenylether	10.99	248	226199	41.369 ng	97
67) Hexachlorobenzene	11.06	284	238932	38.348 ng	97
68) Atrazine	11.14	200	233788	41.696 ng	99
69) Pentachlorophenol	11.25	266	279932	78.606 ng	98
70) Phenanthrene	11.47	178	1194105	40.648 ng	99
71) Anthracene	11.53	178	1235502	41.247 ng	100
72) Carbazole	11.68	167	1173502	40.094 ng	100
73) Di-n-butylphthalate	12.00	149	1423919	41.886 ng	100
74) Fluoranthene	12.66	202	1246664	42.583 ng	99
76) Benzidine	12.78	184	578358	31.764 ng	98
77) Pyrene	12.89	202	1285888	38.627 ng	99
79) Butylbenzylphthalate	13.50	149	622963	45.234 ng	100
80) Benzo(a)anthracene	14.08	228	1105325	40.924 ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	297993	30.917 ng	99
82) Chrysene	14.12	228	1037334	39.770 ng	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	842406	44.220 ng	100
84) Di-n-octyl phthalate	14.67	149	1382929	48.337 ng	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	820912	40.572 ng	99
87) Benzo(b)fluoranthene	15.14	252	985934	44.543 ng	98
88) Benzo(k)fluoranthene	15.17	252	866590	39.179 ng	98
89) Benzo(a)pyrene	15.52	252	864156	42.990 ng	98
90) Dibenzo(a,h)anthracene	17.10	278	682741	40.160 ng	99
91) Benzo(g,h,i)perylene	17.54	276	675509	39.528 ng	98

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

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