Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104308.D
Acq On : 6 Apr 2018 16:09
Operator : JU/SJ
Sample : PB107966BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107966BS

Manual Integrations APPROVED
Sohil
4/9/2018 11:18:20 AM

Quant Time: Apr 06 23:17:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150036	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	614320	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	285913	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	535183	20.00	ng		0.00
75) Chrysene-d12	13.97	240	430387	20.00	ng		0.00
86) Perylene-d12	15.43	264	347918	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1144663	116.66	ng		0.02
7) Phenol-d6	6.43	99	1442146	119.62	ng		0.00
23) Nitrobenzene-d5	7.37	82	864951	91.94	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	379822	128.06	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1545005	85.37	ng		0.00
78) Terphenyl-d14	12.92	244	1591613	84.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	160788	35.167	ng		91
3) Pyridine	3.33	79	470215	36.579	ng		88
4) n-Nitrosodimethylamine	3.29	42	195652	43.540	ng		81
6) Aniline	6.47	93	577853	34.499	ng		97
8) 2-Chlorophenol	6.59	128	431277	41.643	ng		93
9) Benzaldehyde	6.35	77	137107	18.675	ng		96
10) Phenol	6.45	94	554852	43.375	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	409202	40.086	ng		95
12) 1,3-Dichlorobenzene	6.75	146	441352	37.617	ng		100
13) 1,4-Dichlorobenzene	6.82	146	447926	38.298	ng		99
14) 1,2-Dichlorobenzene	6.97	146	412997	38.105	ng		99
15) Benzyl Alcohol	6.95	79	377639	41.241	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	542496	39.572	ng		94
17) 2-Methylphenol	7.06	107	372032	41.325	ng		98
18) Hexachloroethane	7.32	117	164735	39.505	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	304213	38.614	ng		94
20) 3+4-Methylphenols	7.21	107	438198	39.247	ng	#	79
22) Acetophenone	7.22	105	583555	38.584	ng		100
24) Nitrobenzene	7.39	77	449383	43.264	ng		99
25) Isophorone	7.63	82	856222	43.038	ng		98
26) 2-Nitrophenol	7.70	139	218045	51.565	ng		95
27) 2,4-Dimethylphenol	7.74	122	423852	48.274	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	539810	44.379	ng		99
29) 2,4-Dichlorophenol	7.94	162	368547	43.993	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	356092	38.731	ng		99
31) Naphthalene	8.11	128	1234706	40.363	ng		99
32) Benzoic acid	7.87	122	292823	41.799	ng		97
33) 4-Chloroaniline	8.16	127	437241	33.364	ng		98
34) Hexachlorobutadiene	8.22	225	193408	38.406	ng		98
35) Caprolactam	8.53	113	125964m	43.102	ng		
36) 4-Chloro-3-methylphenol	8.64	107	400806	44.619	ng		98
37) 2-Methylnaphthalene	8.80	142	820796	41.482	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	325043	39.715	ng		99
40) Hexachlorocyclopentadiene	8.95	237	403717	88.110	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	259110	45.606	ng		97
43) 2,4,5-Trichlorophenol	9.11	196	256528	40.348	ng		97
45) 1,1'-Biphenyl	9.27	154	966062	40.221	ng		99
46) 2-Chloronaphthalene	9.29	162	761588	40.143	ng		98
47) 2-Nitroaniline	9.39	65	236275	50.360	ng		97
48) Acenaphthylene	9.70	152	1192710	40.070	ng		99
49) Dimethylphthalate	9.57	163	916236	40.638	ng		99
50) 2,6-Dinitrotoluene	9.63	165	206562	49.512	ng		95
51) Acenaphthene	9.88	154	795926	43.825	ng		100
52) 3-Nitroaniline	9.80	138	193247	39.566	ng		98
53) 2,4-Dinitrophenol	9.90	184	167981	91.207	ng	#	20
54) Dibenzofuran	10.05	168	1069892	42.272	ng		97
55) 4-Nitrophenol	9.96	139	391617	102.073	ng		98
56) 2,4-Dinitrotoluene	10.03	165	272301	49.759	ng		98
57) Fluorene	10.39	166	783512	42.531	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	219445	46.265	ng		97
59) Diethylphthalate	10.27	149	928397	41.345	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	345716	42.138	ng		99
61) 4-Nitroaniline	10.42	138	235864	49.390	ng		97
62) Azobenzene	10.55	77	909175	42.380	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	114350	44.504	ng		86
65) n-Nitrosodiphenylamine	10.51	169	752454	40.550	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	230290	40.454	ng		97
67) Hexachlorobenzene	10.94	284	253054	39.506	ng	#	89
68) Atrazine	11.04	200	243170	43.415	ng		99
69) Pentachlorophenol	11.13	266	292176	73.731	ng		97
70) Phenanthrene	11.36	178	1193555	40.047	ng		99
71) Anthracene	11.41	178	1236230	40.805	ng		100
72) Carbazole	11.56	167	1172751	39.614	ng		100
73) Di-n-butylphthalate	11.90	149	1440465	39.832	ng		99
74) Fluoranthene	12.55	202	1274111	40.916	ng		98
76) Benzidine	12.67	184	689427	50.869	ng		98
77) Pyrene	12.77	202	1293943	40.560	ng		100
79) Butylbenzylphthalate	13.40	149	638555	42.487	ng		97
80) Benzo(a)anthracene	13.96	228	1037958	40.369	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	317183	33.086	ng		98
82) Chrysene	14.00	228	1057073	40.026	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	771402	39.904	ng		100
84) Di-n-octyl phthalate	14.58	149	1439236	44.557	ng		97
85) Indeno(1,2,3-cd)pyrene	16.86	276	850289	37.900	ng		98
87) Benzo(b)fluoranthene	15.01	252	966381	43.979	ng		98
88) Benzo(k)fluoranthene	15.04	252	922643	44.475	ng		99
89) Benzo(a)pyrene	15.37	252	869120	44.205	ng		97
90) Dibenzo(a,h)anthracene	16.89	278	696967	43.162	ng		99
91) Benzo(g,h,i)perylene	17.30	276	713945	45.636	ng		98

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

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