Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104972.D
Acq On : 1 May 2018 9:34
Operator : JU/SJ
Sample : PB108718BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108718BS

Manual Integrations APPROVED
Sohil
5/1/2018 7:05:50 PM

Quant Time: May 01 11:33:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121774	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	489662	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	214205	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	342541	20.00	ng		0.00
75) Chrysene-d12	13.97	240	220662	20.00	ng		0.00
86) Perylene-d12	15.43	264	182556	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	641604	80.56	ng		0.01
7) Phenol-d6	6.43	99	772119	78.91	ng		0.00
23) Nitrobenzene-d5	7.36	82	675107	90.03	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	172753	77.75	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1189992	87.76	ng		0.00
78) Terphenyl-d14	12.90	244	917285	94.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	110208	29.699	ng	#	88
3) Pyridine	3.32	79	316740	30.358	ng		87
4) n-Nitrosodimethylamine	3.29	42	125856	34.508	ng	#	77
6) Aniline	6.46	93	146844	10.801	ng		89
8) 2-Chlorophenol	6.58	128	334786	39.828	ng		91
9) Benzaldehyde	6.34	77	109117	18.228	ng		94
10) Phenol	6.45	94	389592	37.524	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	301561	36.397	ng		94
12) 1,3-Dichlorobenzene	6.73	146	348756	36.623	ng		98
13) 1,4-Dichlorobenzene	6.80	146	353006	37.188	ng		99
14) 1,2-Dichlorobenzene	6.96	146	325160	36.964	ng		98
15) Benzyl Alcohol	6.94	79	249800	33.611	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	342168	30.752	ng		51
17) 2-Methylphenol	7.05	107	270480	37.018	ng		94
18) Hexachloroethane	7.30	117	116708	34.483	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	209925	32.830	ng		91
20) 3+4-Methylphenols	7.21	107	335841	37.060	ng	#	78
22) Acetophenone	7.20	105	436633	36.219	ng		99
24) Nitrobenzene	7.38	77	325540	39.320	ng		95
25) Isophorone	7.62	82	592622	37.372	ng		99
26) 2-Nitrophenol	7.69	139	170040	50.449	ng		95
27) 2,4-Dimethylphenol	7.73	122	290402	41.495	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	385890	39.801	ng		98
29) 2,4-Dichlorophenol	7.94	162	272401	40.794	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	277286	37.838	ng		99
31) Naphthalene	8.10	128	918670	37.677	ng		100
32) Benzoic acid	7.90	122	18200	3.259	ng		94
33) 4-Chloroaniline	8.15	127	52143	4.992	ng		97
34) Hexachlorobutadiene	8.20	225	150692	37.542	ng		99
35) Caprolactam	8.53	113	86688m	37.214	ng		
36) 4-Chloro-3-methylphenol	8.65	107	281993	39.384	ng		99
37) 2-Methylnaphthalene	8.79	142	606582	38.460	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	262472	42.805	ng		98
40) Hexachlorocyclopentadiene	8.93	237	60490	17.621	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	172032	40.415	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	183296	38.481	ng		99
45) 1,1'-Biphenyl	9.25	154	706266	39.249	ng		99
46) 2-Chloronaphthalene	9.28	162	553640	38.952	ng		99
47) 2-Nitroaniline	9.38	65	161364	45.907	ng		94
48) Acenaphthylene	9.69	152	805557	36.123	ng		100
49) Dimethylphthalate	9.55	163	676092	40.025	ng		100
50) 2,6-Dinitrotoluene	9.62	165	145981	46.705	ng		97
51) Acenaphthene	9.86	154	480304	35.300	ng		99
52) 3-Nitroaniline	9.79	138	75229	20.559	ng		97
53) 2,4-Dinitrophenol	9.91	184	24786	29.431	ng	#	21
54) Dibenzofuran	10.04	168	700632	36.950	ng		99
55) 4-Nitrophenol	9.97	139	167889	58.408	ng		98
56) 2,4-Dinitrotoluene	10.03	165	169369	41.310	ng		97
57) Fluorene	10.38	166	552272	40.014	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	132207	37.204	ng		93
59) Diethylphthalate	10.25	149	639733	38.027	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	264381	43.012	ng		99
61) 4-Nitroaniline	10.41	138	130834	36.568	ng		98
62) Azobenzene	10.53	77	551047	34.285	ng		92
64) 4,6-Dinitro-2-methylphenol	10.44	198	26212	20.654	ng		89
65) n-Nitrosodiphenylamine	10.49	169	502286	42.291	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	158083	43.387	ng	#	89
67) Hexachlorobenzene	10.93	284	167994	40.977	ng		95
68) Atrazine	11.02	200	157603	43.962	ng		100
69) Pentachlorophenol	11.13	266	120654	47.571	ng		98
70) Phenanthrene	11.34	178	727113	38.117	ng		99
71) Anthracene	11.40	178	755692	38.972	ng		99
72) Carbazole	11.56	167	668437	35.277	ng		99
73) Di-n-butylphthalate	11.87	149	918364	39.676	ng		99
74) Fluoranthene	12.53	202	663795	33.305	ng		99
76) Benzidine	12.66	184	261792	33.314	ng		97
77) Pyrene	12.76	202	652189	39.874	ng		99
79) Butylbenzylphthalate	13.37	149	321761	41.756	ng		99
80) Benzo(a)anthracene	13.96	228	545449	41.376	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	164078	33.382	ng		98
82) Chrysene	13.99	228	524625	38.745	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	448667	45.268	ng		100
84) Di-n-octyl phthalate	14.54	149	708186	42.762	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.88	276	390581	33.956	ng		96
87) Benzo(b)fluoranthene	15.00	252	474712	41.172	ng		99
88) Benzo(k)fluoranthene	15.03	252	454189	41.725	ng		97
89) Benzo(a)pyrene	15.36	252	425350	41.230	ng		99
90) Dibenzo(a,h)anthracene	16.89	278	333014	39.303	ng		97
91) Benzo(g,h,i)perylene	17.32	276	315570	38.443	ng		95

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

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