Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103933.D
Acq On : 26 Mar 2018 19:03
Operator : JU/SJ
Sample : PB107636BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Manual Integrations APPROVED
Sohil
3/27/2018 2:15:31 PM

Quant Time: Mar 27 08:10:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131001	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	539262	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	257529	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	485939	20.00	ng		0.00
75) Chrysene-d12	14.17	240	408588	20.00	ng		0.00
86) Perylene-d12	15.71	264	385052	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	886679	102.95	ng		0.01
7) Phenol-d6	6.60	99	1091585	103.59	ng		0.00
23) Nitrobenzene-d5	7.54	82	668515	86.45	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	308807	139.46	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1239691	76.79	ng		0.00
78) Terphenyl-d14	13.10	244	1362417	77.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	130575	30.789	ng	#	89
3) Pyridine	3.67	79	357393	30.638	ng	#	85
4) n-Nitrosodimethylamine	3.63	42	134762	31.332	ng	#	73
6) Aniline	6.64	93	323227	21.482	ng		96
8) 2-Chlorophenol	6.76	128	355377	39.388	ng		92
9) Benzaldehyde	6.53	77	78882	11.395	ng		94
10) Phenol	6.62	94	436769	39.008	ng		93
11) bis(2-Chloroethyl)ether	6.71	93	326538	35.327	ng		92
12) 1,3-Dichlorobenzene	6.92	146	367639	35.776	ng		98
13) 1,4-Dichlorobenzene	6.99	146	375603	36.374	ng		99
14) 1,2-Dichlorobenzene	7.14	146	345131	36.019	ng		98
15) Benzyl Alcohol	7.11	79	297031	36.382	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	423269	32.195	ng		92
17) 2-Methylphenol	7.22	107	293619	36.544	ng		98
18) Hexachloroethane	7.49	117	135142	37.206	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	228652	33.860	ng		92
20) 3+4-Methylphenols	7.37	107	363041	35.604	ng		96
22) Acetophenone	7.38	105	462743	33.389	ng	#	94
24) Nitrobenzene	7.56	77	354792	39.080	ng		97
25) Isophorone	7.79	82	654926	36.586	ng		99
26) 2-Nitrophenol	7.87	139	192202	54.141	ng		97
27) 2,4-Dimethylphenol	7.90	122	326124	42.526	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	425103	39.217	ng		100
29) 2,4-Dichlorophenol	8.11	162	297481	42.637	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	297189	36.725	ng		98
31) Naphthalene	8.28	128	997646	36.623	ng		99
32) Benzoic acid	8.02	122	201378	39.441	ng		98
33) 4-Chloroaniline	8.32	127	110558	9.674	ng		97
34) Hexachlorobutadiene	8.39	225	160304	36.131	ng		99
35) Caprolactam	8.70	113	100924m	42.008	ng		
36) 4-Chloro-3-methylphenol	8.80	107	319176	41.496	ng		97
37) 2-Methylnaphthalene	8.97	142	667475	38.639	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	282662	38.473	ng		99
40) Hexachlorocyclopentadiene	9.12	237	293001	77.287	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	205247	43.676	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	221287	41.720	ng		94
45) 1,1'-Biphenyl	9.43	154	791196	36.844	ng		99
46) 2-Chloronaphthalene	9.46	162	634807	37.219	ng		99
47) 2-Nitroaniline	9.56	65	190942	43.533	ng		95
48) Acenaphthylene	9.88	152	972180	36.757	ng		100
49) Dimethylphthalate	9.73	163	759682	38.664	ng		99
50) 2,6-Dinitrotoluene	9.80	165	172074	45.499	ng		92
51) Acenaphthene	10.05	154	576364	36.701	ng		98
52) 3-Nitroaniline	9.97	138	100674	24.159	ng		94
53) 2,4-Dinitrophenol	10.08	184	172753	112.208	ng	#	19
54) Dibenzofuran	10.23	168	871103	38.838	ng		99
55) 4-Nitrophenol	10.13	139	305512	84.624	ng		94
56) 2,4-Dinitrotoluene	10.20	165	237157	49.089	ng	#	94
57) Fluorene	10.57	166	684312	39.318	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	181234	48.222	ng		92
59) Diethylphthalate	10.43	149	737247	37.805	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	319237	40.135	ng		94
61) 4-Nitroaniline	10.59	138	193348	44.406	ng		95
62) Azobenzene	10.72	77	691878	34.897	ng		95
64) 4,6-Dinitro-2-methylphenol	10.62	198	113322	57.768	ng		83
65) n-Nitrosodiphenylamine	10.67	169	619352	37.445	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	197804	39.646	ng	#	86
67) Hexachlorobenzene	11.12	284	219110	38.477	ng		94
68) Atrazine	11.20	200	206993	40.455	ng		100
69) Pentachlorophenol	11.32	266	231455	70.698	ng		96
70) Phenanthrene	11.54	178	1002833	37.726	ng		99
71) Anthracene	11.59	178	1038545	38.467	ng		99
72) Carbazole	11.74	167	979363	37.322	ng		100
73) Di-n-butylphthalate	12.06	149	1189392	37.775	ng		99
74) Fluoranthene	12.73	202	1083281	39.557	ng		99
76) Benzidine	12.84	184	364915	20.940	ng		98
77) Pyrene	12.96	202	1090063	36.328	ng		100
79) Butylbenzylphthalate	13.57	149	533646	40.141	ng		91
80) Benzo(a)anthracene	14.16	228	1000582	38.687	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	197762	22.859	ng		98
82) Chrysene	14.20	228	928757	37.671	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	720205	37.921	ng		99
84) Di-n-octyl phthalate	14.75	149	1236967	44.769	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	840033	39.016	ng		97
87) Benzo(b)fluoranthene	15.25	252	990114	40.701	ng		98
88) Benzo(k)fluoranthene	15.29	252	827552	35.389	ng		99
89) Benzo(a)pyrene	15.64	252	869424	39.404	ng		97
90) Dibenzo(a,h)anthracene	17.31	278	695310	36.393	ng		98
91) Benzo(g,h,i)perylene	17.79	276	693190	37.295	ng		94

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

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