Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103180.D
Acq On : 22 Feb 2018 23:13
Operator : SJ/JU
Sample : PB106745BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Manual Integrations APPROVED
Sohil
2/23/2018 10:20:57 AM

Quant Time: Feb 23 04:50:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 22 14:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167491	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	701178	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	284330	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	409503	20.00	ng		0.00
75) Chrysene-d12	14.05	240	273602	20.00	ng		0.00
86) Perylene-d12	15.54	264	256760	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1025225	92.58	ng		0.02
7) Phenol-d6	6.51	99	1219253	89.97	ng		0.00
23) Nitrobenzene-d5	7.44	82	792887	64.58	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	195576	81.26	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1220161	71.07	ng		0.00
78) Terphenyl-d14	12.98	244	793276	69.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	173514	29.665	ng		91
3) Pyridine	3.50	79	479603	30.714	ng		92
4) n-Nitrosodimethylamine	3.45	42	233703	37.110	ng		100
6) Aniline	6.53	93	309802	15.841	ng		95
8) 2-Chlorophenol	6.66	128	388805	33.796	ng		92
9) Benzaldehyde	6.42	77	240809	26.536	ng		98
10) Phenol	6.52	94	487524	30.991	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	394032	33.002	ng		91
12) 1,3-Dichlorobenzene	6.81	146	411341	31.288	ng		97
13) 1,4-Dichlorobenzene	6.89	146	415156	31.497	ng		99
14) 1,2-Dichlorobenzene	7.04	146	381875	31.420	ng		100
15) Benzyl Alcohol	7.02	79	333592	32.669	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	665916	32.479	ng		97
17) 2-Methylphenol	7.13	107	337081	32.242	ng		98
18) Hexachloroethane	7.38	117	135755	28.292	ng		93
19) n-Nitroso-di-n-propylamine	7.28	70	261011	30.949	ng		98
20) 3+4-Methylphenols	7.28	107	381374	29.925	ng	#	59
22) Acetophenone	7.28	105	512701	31.326	ng	#	90
24) Nitrobenzene	7.46	77	426821	31.574	ng		99
25) Isophorone	7.69	82	792092	32.756	ng		97
26) 2-Nitrophenol	7.77	139	210189	33.029	ng		94
27) 2,4-Dimethylphenol	7.80	122	351115	36.096	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	491618	34.579	ng		99
29) 2,4-Dichlorophenol	8.02	162	312146	33.517	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	310405	31.299	ng		96
31) Naphthalene	8.17	128	1079247	31.439	ng		99
32) Benzoic acid	7.92	122	158450	25.707	ng		97
33) 4-Chloroaniline	8.23	127	129139	8.718	ng		99
34) Hexachlorobutadiene	8.29	225	155318	30.075	ng		99
35) Caprolactam	8.60	113	105172m	32.132	ng		
36) 4-Chloro-3-methylphenol	8.71	107	341613	32.521	ng		99
37) 2-Methylnaphthalene	8.87	142	702408	31.660	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	267127	34.366	ng		99
40) Hexachlorocyclopentadiene	9.02	237	18069	14.744	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	185269	35.422	ng		100
43) 2,4,5-Trichlorophenol	9.19	196	189323	31.472	ng		96
45) 1,1'-Biphenyl	9.33	154	785609	32.973	ng		97
46) 2-Chloronaphthalene	9.36	162	622674	33.035	ng		99
47) 2-Nitroaniline	9.46	65	237170	33.968	ng		94
48) Acenaphthylene	9.77	152	929658	32.056	ng		100
49) Dimethylphthalate	9.63	163	753076	33.016	ng		100
50) 2,6-Dinitrotoluene	9.70	165	155749	32.538	ng		98
51) Acenaphthene	9.95	154	530839	31.390	ng		99
52) 3-Nitroaniline	9.87	138	119196	19.628	ng		92
53) 2,4-Dinitrophenol	9.98	184	16764	18.151	ng	#	21
54) Dibenzofuran	10.12	168	800308	34.475	ng		97
55) 4-Nitrophenol	10.03	139	208161	55.306	ng		91
56) 2,4-Dinitrotoluene	10.10	165	195370	32.272	ng		97
57) Fluorene	10.46	166	591861	29.929	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	128211	31.727	ng		99
59) Diethylphthalate	10.33	149	707728	32.442	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	270272	32.228	ng		97
61) 4-Nitroaniline	10.48	138	155852	25.694	ng		93
62) Azobenzene	10.61	77	712077	32.068	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	19093	11.819	ng		91
65) n-Nitrosodiphenylamine	10.57	169	537828	37.720	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	154493	36.217	ng		97
67) Hexachlorobenzene	11.01	284	156776	33.860	ng		96
68) Atrazine	11.09	200	160404	37.429	ng		98
69) Pentachlorophenol	11.20	266	118084	52.746	ng		98
70) Phenanthrene	11.43	178	736898	32.698	ng		99
71) Anthracene	11.48	178	757340	32.772	ng		99
72) Carbazole	11.63	167	709236	30.819	ng		99
73) Di-n-butylphthalate	11.95	149	993901	34.515	ng		100
74) Fluoranthene	12.62	202	650953	28.744	ng		98
76) Benzidine	12.74	184	445600	43.564	ng		97
77) Pyrene	12.85	202	648666	30.409	ng		99
79) Butylbenzylphthalate	13.45	149	349908	31.047	ng		96
80) Benzo(a)anthracene	14.04	228	585641	32.990	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	208253	32.871	ng		98
82) Chrysene	14.07	228	562297	32.621	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	478526	31.463	ng		98
84) Di-n-octyl phthalate	14.63	149	855752	34.825	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	432605	31.702	ng		97
87) Benzo(b)fluoranthene	15.10	252	572031	33.885	ng		99
88) Benzo(k)fluoranthene	15.13	252	537439	33.808	ng		98
89) Benzo(a)pyrene	15.47	252	509628	33.805	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	377595	32.414	ng		99
91) Benzo(g,h,i)perylene	17.50	276	346601	30.444	ng		97

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

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