Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104010.D
Acq On : 28 Mar 2018 15:25
Operator : JU/SJ
Sample : PB107735BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107735BS

Manual Integrations APPROVED
Sohil
3/29/2018 5:36:12 PM

Quant Time: Mar 28 17:02:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	120788	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	521717	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	256245	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	491551	20.00	ng		0.00
75) Chrysene-d12	14.15	240	403913	20.00	ng		0.00
86) Perylene-d12	15.69	264	371952	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	812321	107.25	ng		0.00
7) Phenol-d6	6.60	99	960047	103.03	ng		0.00
23) Nitrobenzene-d5	7.53	82	588147	68.94	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	284943	99.86	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1171148	72.07	ng		0.00
78) Terphenyl-d14	13.08	244	1238470	70.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	96933	29.673	ng	#	87
3) Pyridine	3.69	79	253853m	30.696	ng		
4) n-Nitrosodimethylamine	3.65	42	87871m	35.747	ng		
6) Aniline	6.64	93	264304	23.693	ng	#	88
8) 2-Chlorophenol	6.76	128	291023	35.028	ng		96
9) Benzaldehyde	6.52	77	116476	20.717	ng		99
10) Phenol	6.62	94	342630	33.185	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	300497	33.775	ng		92
12) 1,3-Dichlorobenzene	6.90	146	299900	32.111	ng		97
13) 1,4-Dichlorobenzene	6.98	146	324757	32.452	ng		99
14) 1,2-Dichlorobenzene	7.13	146	286864	31.893	ng		99
15) Benzyl Alcohol	7.11	79	216831	35.788	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	324786	33.507	ng		52
17) 2-Methylphenol	7.22	107	232310	34.354	ng	#	94
18) Hexachloroethane	7.47	117	109831	32.780	ng		99
19) n-Nitroso-di-n-propylamine	7.37	70	191206	34.575	ng		91
20) 3+4-Methylphenols	7.37	107	306071	35.465	ng	#	62
22) Acetophenone	7.37	105	404383	32.036	ng		98
24) Nitrobenzene	7.55	77	284109	31.652	ng		93
25) Isophorone	7.78	82	529826	33.700	ng		99
26) 2-Nitrophenol	7.86	139	158294	33.785	ng		92
27) 2,4-Dimethylphenol	7.89	122	253464	37.510	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	344765	34.989	ng		99
29) 2,4-Dichlorophenol	8.10	162	248866	35.260	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	252697	31.555	ng		98
31) Naphthalene	8.27	128	874393	34.307	ng		100
32) Benzoic acid	8.02	122	127632m	25.783	ng		
33) 4-Chloroaniline	8.32	127	196230	18.262	ng		97
34) Hexachlorobutadiene	8.37	225	135557	31.107	ng		100
35) Caprolactam	8.69	113	86570m	38.682	ng		
36) 4-Chloro-3-methylphenol	8.80	107	269525	36.103	ng		95
37) 2-Methylnaphthalene	8.96	142	566606	33.749	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	248913	31.677	ng		99
40) Hexachlorocyclopentadiene	9.10	237	242394	66.509	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	165945	33.351	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	190950	31.784	ng		96
45) 1,1'-Biphenyl	9.42	154	694052	31.558	ng		98
46) 2-Chloronaphthalene	9.45	162	541303	31.202	ng		97
47) 2-Nitroaniline	9.55	65	159626	32.269	ng		97
48) Acenaphthylene	9.87	152	830930	31.616	ng		99
49) Dimethylphthalate	9.72	163	644233	31.843	ng		100
50) 2,6-Dinitrotoluene	9.79	165	145532	33.436	ng		97
51) Acenaphthene	10.04	154	472242	31.061	ng		99
52) 3-Nitroaniline	9.97	138	103620	20.710	ng		99
53) 2,4-Dinitrophenol	10.07	184	134940	71.640	ng	#	21
54) Dibenzofuran	10.21	168	738599	33.267	ng		98
55) 4-Nitrophenol	10.14	139	214504	71.499	ng		94
56) 2,4-Dinitrotoluene	10.20	165	188601	33.957	ng	#	93
57) Fluorene	10.56	166	595682	32.525	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	162055	36.003	ng		89
59) Diethylphthalate	10.42	149	633108	32.666	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	276079	32.821	ng		98
61) 4-Nitroaniline	10.59	138	151022	32.258	ng		95
62) Azobenzene	10.70	77	579835	33.085	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	88298	29.675	ng	#	76
65) n-Nitrosodiphenylamine	10.66	169	529175	31.788	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	168843	32.106	ng		93
67) Hexachlorobenzene	11.10	284	189366	31.304	ng	#	86
68) Atrazine	11.19	200	169981	33.330	ng		99
69) Pentachlorophenol	11.30	266	195802	58.820	ng		97
70) Phenanthrene	11.52	178	849858	31.934	ng		99
71) Anthracene	11.57	178	916965	32.986	ng		100
72) Carbazole	11.73	167	845810	31.879	ng		100
73) Di-n-butylphthalate	12.04	149	1016067	32.151	ng		99
74) Fluoranthene	12.72	202	921658	32.581	ng		98
76) Benzidine	12.84	184	427561	37.145	ng		98
77) Pyrene	12.95	202	924935	31.855	ng		99
79) Butylbenzylphthalate	13.55	149	442305	32.334	ng		96
80) Benzo(a)anthracene	14.14	228	836578	33.101	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	182698	21.839	ng	#	96
82) Chrysene	14.18	228	779594	31.493	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	579478	32.786	ng		100
84) Di-n-octyl phthalate	14.72	149	1019474	33.531	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	630635	24.585	ng		97
87) Benzo(b)fluoranthene	15.23	252	780513	34.480	ng		99
88) Benzo(k)fluoranthene	15.26	252	718006	33.672	ng		98
89) Benzo(a)pyrene	15.62	252	704427	33.581	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	523267	26.980	ng		97
91) Benzo(g,h,i)perylene	17.75	276	510113	26.259	ng		96

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

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