Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104229.D
Acq On : 4 Apr 2018 17:02
Operator : JU/SJ
Sample : PB107923BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Manual Integrations APPROVED
Sohil
4/5/2018 4:38:49 PM

Quant Time: Apr 04 18:24:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	117454	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	492687	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	234227	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	442815	20.00	ng		0.00
75) Chrysene-d12	14.14	240	341361	20.00	ng		0.00
86) Perylene-d12	15.67	264	254399	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	898346	121.97	ng		0.00
7) Phenol-d6	6.60	99	1108191	122.30	ng		0.00
23) Nitrobenzene-d5	7.52	82	686690	85.24	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	334137	128.11	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1354818	91.21	ng		0.00
78) Terphenyl-d14	13.07	244	1402543	94.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	101334	31.901	ng	#	87
3) Pyridine	3.70	79	253761m	31.556	ng		
4) n-Nitrosodimethylamine	3.66	42	77044m	32.233	ng		
6) Aniline	6.63	93	223682	20.621	ng	#	71
8) 2-Chlorophenol	6.75	128	347803	43.050	ng		96
9) Benzaldehyde	6.53	77	51886	8.475	ng		91
10) Phenol	6.62	94	429702	42.800	ng		95
11) bis(2-Chloroethyl)ether	6.69	93	364169	42.093	ng		90
12) 1,3-Dichlorobenzene	6.89	146	336052	37.004	ng		97
13) 1,4-Dichlorobenzene	6.97	146	381277	39.182	ng		100
14) 1,2-Dichlorobenzene	7.12	146	346707	39.640	ng		99
15) Benzyl Alcohol	7.10	79	221617	37.617	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	364912	38.716	ng	#	39
17) 2-Methylphenol	7.21	107	257040	39.090	ng	#	80
18) Hexachloroethane	7.45	117	129412	39.721	ng		99
19) n-Nitroso-di-n-propylamine	7.36	70	219239	40.770	ng		89
20) 3+4-Methylphenols	7.37	107	357414	42.590	ng	#	60
22) Acetophenone	7.36	105	472722	39.656	ng		99
24) Nitrobenzene	7.54	77	300589	35.461	ng		98
25) Isophorone	7.76	82	630260	42.450	ng		99
26) 2-Nitrophenol	7.85	139	189871	42.912	ng		95
27) 2,4-Dimethylphenol	7.89	122	282394	44.253	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	401141	43.109	ng		99
29) 2,4-Dichlorophenol	8.10	162	283207	42.490	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	298220	39.434	ng		99
31) Naphthalene	8.26	128	1009751	41.952	ng		100
32) Benzoic acid	8.03	122	110518	23.641	ng		93
33) 4-Chloroaniline	8.33	127	101830	10.035	ng		94
34) Hexachlorobutadiene	8.36	225	157108	38.176	ng		98
35) Caprolactam	8.69	113	96337m	45.583	ng		
36) 4-Chloro-3-methylphenol	8.80	107	309619	43.918	ng		99
37) 2-Methylnaphthalene	8.95	142	644883	40.675	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	294584	41.013	ng		98
40) Hexachlorocyclopentadiene	9.09	237	204588	61.825	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	174852	38.444	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	207227	37.736	ng		95
45) 1,1'-Biphenyl	9.41	154	809596	40.272	ng		99
46) 2-Chloronaphthalene	9.44	162	641773	40.471	ng		98
47) 2-Nitroaniline	9.55	65	179242	39.640	ng		93
48) Acenaphthylene	9.86	152	933853	38.872	ng		99
49) Dimethylphthalate	9.71	163	731125	39.535	ng		100
50) 2,6-Dinitrotoluene	9.78	165	165402	41.573	ng		96
51) Acenaphthene	10.02	154	535787	38.553	ng		99
52) 3-Nitroaniline	9.97	138	87260	19.079	ng		97
53) 2,4-Dinitrophenol	10.08	184	72646	44.484	ng	#	29
54) Dibenzofuran	10.20	168	824486	40.626	ng		97
55) 4-Nitrophenol	10.15	139	146326	53.359	ng		93
56) 2,4-Dinitrotoluene	10.19	165	205224	40.424	ng	#	96
57) Fluorene	10.55	166	678132	40.508	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	188037	45.703	ng	#	85
59) Diethylphthalate	10.40	149	711335	40.152	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	324810	42.244	ng		94
61) 4-Nitroaniline	10.60	138	160335	37.466	ng		95
62) Azobenzene	10.69	77	655497	40.919	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	82250	30.685	ng		87
65) n-Nitrosodiphenylamine	10.66	169	600221	40.024	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	189425	39.984	ng		91
67) Hexachlorobenzene	11.09	284	214048	39.278	ng		95
68) Atrazine	11.18	200	194453	42.324	ng		98
69) Pentachlorophenol	11.29	266	187335	62.471	ng		95
70) Phenanthrene	11.51	178	940953	39.248	ng		98
71) Anthracene	11.56	178	1115566	44.548	ng		99
72) Carbazole	11.73	167	986747	41.285	ng		99
73) Di-n-butylphthalate	12.03	149	1113827	39.123	ng		99
74) Fluoranthene	12.70	202	1056546	41.460	ng		98
76) Benzidine	12.84	184	312791	32.154	ng		98
77) Pyrene	12.94	202	1026688	41.839	ng		99
79) Butylbenzylphthalate	13.53	149	471225	40.760	ng		96
80) Benzo(a)anthracene	14.13	228	819241	38.355	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	151748	21.463	ng		99
82) Chrysene	14.17	228	906309	43.321	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	622291	41.660	ng		99
84) Di-n-octyl phthalate	14.70	149	978076	38.064	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.27	276	599769	27.666	ng		96
87) Benzo(b)fluoranthene	15.22	252	614173	39.669	ng		98
88) Benzo(k)fluoranthene	15.25	252	752247	51.578	ng		98
89) Benzo(a)pyrene	15.61	252	621660	43.329	ng		99
90) Dibenzo(a,h)anthracene	17.27	278	501437	37.801	ng		97
91) Benzo(g,h,i)perylene	17.74	276	500693	37.684	ng		97

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

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