Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104609.D
Acq On : 18 Apr 2018 18:38
Operator : JU/SJ
Sample : PB108327BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Manual Integrations APPROVED
Sohil
4/19/2018 12:43:19 PM

Quant Time: Apr 19 01:28:28 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118802	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	484478	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	209303	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	324013	20.00	ng		0.00
75) Chrysene-d12	13.98	240	239133	20.00	ng		0.00
86) Perylene-d12	15.44	264	242307	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	997200	128.35	ng		0.01
7) Phenol-d6	6.45	99	1212304	126.99	ng		0.01
23) Nitrobenzene-d5	7.37	82	773784	104.29	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	271250	124.93	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1282424	96.79	ng		0.00
78) Terphenyl-d14	12.92	244	975624	93.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	147824	40.832	ng	#	90
3) Pyridine	3.32	79	420964	41.357	ng		86
4) n-Nitrosodimethylamine	3.28	42	163114	45.843	ng	#	79
6) Aniline	6.47	93	280785	21.171	ng	#	90
8) 2-Chlorophenol	6.59	128	385593	47.020	ng		96
9) Benzaldehyde	6.36	77	245425	60.754	ng		94
10) Phenol	6.46	94	452406	44.664	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	363430	44.962	ng		95
12) 1,3-Dichlorobenzene	6.75	146	405008	43.594	ng		99
13) 1,4-Dichlorobenzene	6.82	146	409060	44.171	ng		99
14) 1,2-Dichlorobenzene	6.97	146	378055	44.052	ng		99
15) Benzyl Alcohol	6.95	79	310750	42.858	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	469149	43.219	ng		91
17) 2-Methylphenol	7.06	107	319036	44.755	ng		98
18) Hexachloroethane	7.32	117	142665	43.207	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	246035	39.440	ng		94
20) 3+4-Methylphenols	7.22	107	365850	41.382	ng	#	64
22) Acetophenone	7.22	105	490989	41.164	ng		96
24) Nitrobenzene	7.39	77	395041	48.225	ng		98
25) Isophorone	7.63	82	713192	45.457	ng		98
26) 2-Nitrophenol	7.70	139	202425	60.700	ng		99
27) 2,4-Dimethylphenol	7.75	122	333191	48.119	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	462500	48.213	ng		99
29) 2,4-Dichlorophenol	7.95	162	308652	46.717	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	318739	43.960	ng		98
31) Naphthalene	8.11	128	1061818	44.014	ng		99
32) Benzoic acid	7.87	122	199572	36.123	ng		98
33) 4-Chloroaniline	8.16	127	95238	9.215	ng	#	95
34) Hexachlorobutadiene	8.22	225	172311	43.387	ng		98
35) Caprolactam	8.54	113	104860m	45.497	ng		
36) 4-Chloro-3-methylphenol	8.65	107	327340	46.207	ng		98
37) 2-Methylnaphthalene	8.80	142	682373	43.728	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	292123	48.757	ng		99
40) Hexachlorocyclopentadiene	8.95	237	140572	41.909	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	203310	48.882	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	215337	46.267	ng		94
45) 1,1'-Biphenyl	9.27	154	800669	45.537	ng		99
46) 2-Chloronaphthalene	9.29	162	632846	45.567	ng		99
47) 2-Nitroaniline	9.39	65	192529	56.056	ng		96
48) Acenaphthylene	9.71	152	941474	43.206	ng		100
49) Dimethylphthalate	9.57	163	768566	46.565	ng		100
50) 2,6-Dinitrotoluene	9.63	165	165422	54.164	ng		97
51) Acenaphthene	9.88	154	544573	40.961	ng		100
52) 3-Nitroaniline	9.80	138	70074	19.599	ng		99
53) 2,4-Dinitrophenol	9.91	184	53957	51.899	ng	#	21
54) Dibenzofuran	10.05	168	826388	44.602	ng		98
55) 4-Nitrophenol	9.97	139	241062	85.829	ng		95
56) 2,4-Dinitrotoluene	10.04	165	203629	50.830	ng	#	96
57) Fluorene	10.40	166	615030	45.605	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	153100	44.092	ng		95
59) Diethylphthalate	10.27	149	726950	44.224	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	287624	47.890	ng		98
61) 4-Nitroaniline	10.42	138	137717	39.393	ng		98
62) Azobenzene	10.55	77	661753	42.137	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	44513	31.238	ng		83
65) n-Nitrosodiphenylamine	10.51	169	572198	50.933	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	177417	51.478	ng		95
67) Hexachlorobenzene	10.94	284	185288	47.779	ng		95
68) Atrazine	11.03	200	181863	53.630	ng		100
69) Pentachlorophenol	11.14	266	163737	68.249	ng		99
70) Phenanthrene	11.36	178	814826	45.158	ng		99
71) Anthracene	11.41	178	826861	45.080	ng		100
72) Carbazole	11.57	167	751609	41.935	ng		99
73) Di-n-butylphthalate	11.89	149	1014143	46.320	ng		100
74) Fluoranthene	12.55	202	761326	40.383	ng		100
76) Benzidine	12.67	184	477209	73.427	ng		98
77) Pyrene	12.78	202	761211	42.945	ng		99
79) Butylbenzylphthalate	13.39	149	367391	43.995	ng		98
80) Benzo(a)anthracene	13.97	228	697158	48.800	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	227548	42.719	ng		97
82) Chrysene	14.00	228	674300	45.952	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	500144	46.564	ng		99
84) Di-n-octyl phthalate	14.57	149	866232	48.265	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	619137	49.669	ng		97
87) Benzo(b)fluoranthene	15.02	252	737993	48.223	ng		99
88) Benzo(k)fluoranthene	15.05	252	653519	45.232	ng		97
89) Benzo(a)pyrene	15.38	252	664579	48.534	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	526850	46.847	ng		99
91) Benzo(g,h,i)perylene	17.33	276	479765	44.033	ng		97

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

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