Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104835.D
Acq On : 26 Apr 2018 14:28
Operator : JU/SJ
Sample : PB108528BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Manual Integrations APPROVED
Sohil
4/27/2018 6:56:10 PM

Quant Time: Apr 27 11:58:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	107043	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	445858	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	202963	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	357953	20.00	ng		0.00
75) Chrysene-d12	13.98	240	211103	20.00	ng		0.00
86) Perylene-d12	15.44	264	223349	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	819463	117.06	ng		0.00
7) Phenol-d6	6.45	99	998220	116.05	ng		0.00
23) Nitrobenzene-d5	7.37	82	625524	91.61	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	255209	121.22	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1138665	88.63	ng		0.00
78) Terphenyl-d14	12.92	244	981744	106.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	111176	34.082	ng		88
3) Pyridine	3.32	79	311875	34.006	ng	#	84
4) n-Nitrosodimethylamine	3.28	42	121624	37.937	ng		83
6) Aniline	6.46	93	242089	20.258	ng	#	78
8) 2-Chlorophenol	6.59	128	313872	42.479	ng		93
9) Benzaldehyde	6.35	77	127454	26.071	ng		94
10) Phenol	6.46	94	363203	39.797	ng		89
11) bis(2-Chloroethyl)ether	6.54	93	280992	38.582	ng		91
12) 1,3-Dichlorobenzene	6.74	146	323471	38.643	ng		97
13) 1,4-Dichlorobenzene	6.82	146	329751	39.518	ng		99
14) 1,2-Dichlorobenzene	6.97	146	308902	39.948	ng		99
15) Benzyl Alcohol	6.95	79	249578	38.202	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	340656	34.829	ng		84
17) 2-Methylphenol	7.06	107	256127	39.877	ng	#	92
18) Hexachloroethane	7.30	117	121230	40.748	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	195734	34.824	ng		91
20) 3+4-Methylphenols	7.22	107	311241	39.072	ng	#	78
22) Acetophenone	7.21	105	405517	36.943	ng	#	97
24) Nitrobenzene	7.39	77	314003	41.653	ng		96
25) Isophorone	7.62	82	562252	38.940	ng		99
26) 2-Nitrophenol	7.70	139	168967	55.056	ng	#	90
27) 2,4-Dimethylphenol	7.74	122	272013	42.687	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	363779	41.207	ng		99
29) 2,4-Dichlorophenol	7.95	162	257613	42.370	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	268078	40.175	ng		97
31) Naphthalene	8.10	128	883965	39.816	ng		100
32) Benzoic acid	7.86	122	81103m	15.951	ng		
33) 4-Chloroaniline	8.16	127	117139	12.316	ng		96
34) Hexachlorobutadiene	8.22	225	145154	39.715	ng		98
35) Caprolactam	8.53	113	82036m	38.677	ng		
36) 4-Chloro-3-methylphenol	8.65	107	273068	41.885	ng		96
37) 2-Methylnaphthalene	8.80	142	580561	40.427	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	246298	42.392	ng		98
40) Hexachlorocyclopentadiene	8.95	237	167288	51.432	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	165719	41.089	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	179496	39.771	ng		93
45) 1,1'-Biphenyl	9.26	154	683238	40.072	ng		99
46) 2-Chloronaphthalene	9.29	162	536068	39.804	ng		99
47) 2-Nitroaniline	9.39	65	160804	48.282	ng		88
48) Acenaphthylene	9.70	152	810146	38.341	ng		99
49) Dimethylphthalate	9.56	163	641249	40.065	ng		100
50) 2,6-Dinitrotoluene	9.63	165	143702	48.522	ng	#	86
51) Acenaphthene	9.87	154	467199	36.239	ng		100
52) 3-Nitroaniline	9.80	138	75627	21.813	ng		96
53) 2,4-Dinitrophenol	9.92	184	61709	58.246	ng	#	20
54) Dibenzofuran	10.05	168	704067	39.187	ng		97
55) 4-Nitrophenol	9.98	139	184778	67.845	ng		92
56) 2,4-Dinitrotoluene	10.04	165	175075	45.067	ng	#	98
57) Fluorene	10.39	166	562584	43.019	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	132322	39.298	ng		93
59) Diethylphthalate	10.26	149	650804	40.828	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	256976	44.123	ng		98
61) 4-Nitroaniline	10.42	138	145603	42.950	ng		93
62) Azobenzene	10.54	77	563177	36.981	ng		95
64) 4,6-Dinitro-2-methylphenol	10.45	198	58317	35.679	ng	#	76
65) n-Nitrosodiphenylamine	10.50	169	504293	40.632	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	158117	41.528	ng		97
67) Hexachlorobenzene	10.94	284	174769	40.794	ng		91
68) Atrazine	11.03	200	162824	43.463	ng		98
69) Pentachlorophenol	11.14	266	115060	43.412	ng		98
70) Phenanthrene	11.36	178	785053	39.382	ng		99
71) Anthracene	11.41	178	811094	40.028	ng		100
72) Carbazole	11.57	167	739258	37.335	ng		99
73) Di-n-butylphthalate	11.89	149	907110	37.503	ng		99
74) Fluoranthene	12.55	202	745275	35.783	ng		99
76) Benzidine	12.67	184	297433	42.213	ng		97
77) Pyrene	12.77	202	722839	46.195	ng		99
79) Butylbenzylphthalate	13.39	149	316730	42.965	ng		99
80) Benzo(a)anthracene	13.97	228	552619	43.819	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	107653	22.894	ng		98
82) Chrysene	14.00	228	525165	40.541	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	400843	42.274	ng		100
84) Di-n-octyl phthalate	14.56	149	618274	39.023	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.92	276	676544	61.481	ng		96
87) Benzo(b)fluoranthene	15.02	252	545954	38.703	ng		99
88) Benzo(k)fluoranthene	15.05	252	510718	38.349	ng		97
89) Benzo(a)pyrene	15.39	252	531275	42.092	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	553521	53.397	ng		98
91) Benzo(g,h,i)perylene	17.36	276	586577	58.406	ng		96

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

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