Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102491.D
Acq On : 27 Jan 2018 2:42
Operator : SJ/JU
Sample : PB106042BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106042BSD

Quant Time: Jan 27 03:36:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 16:18:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162902	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	658838	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	266401	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	386253	20.00	ng		0.00
75) Chrysene-d12	13.89	240	285436	20.00	ng		0.00
86) Perylene-d12	15.32	264	202532	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	629289	58.57	ng		0.01
7) Phenol-d6	6.37	99	737160	56.91	ng		0.00
23) Nitrobenzene-d5	7.29	82	576746	50.31	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	89356	33.85	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1140676	62.96	ng		0.00
78) Terphenyl-d14	12.83	244	782141	61.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	124765	24.441	ng		95
3) Pyridine	3.13	79	361722	27.116	ng		96
4) n-Nitrosodimethylamine	3.09	42	158975	30.398	ng	#	99
6) Aniline	6.38	93	314075	18.333	ng	#	21
8) 2-Chlorophenol	6.51	128	322912	28.672	ng		95
9) Benzaldehyde	6.27	77	87188	9.718	ng		95
10) Phenol	6.38	94	390458	27.613	ng	#	68
11) bis(2-Chloroethyl)ether	6.46	93	317816	29.551	ng		97
12) 1,3-Dichlorobenzene	6.66	146	359422	26.834	ng		97
13) 1,4-Dichlorobenzene	6.74	146	366320	27.302	ng		97
14) 1,2-Dichlorobenzene	6.89	146	334290	27.239	ng		97
15) Benzyl Alcohol	6.87	79	245248	26.836	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	511020	28.330	ng		88
17) 2-Methylphenol	6.99	107	264873	27.080	ng	#	95
18) Hexachloroethane	7.23	117	73188	15.654	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	227625	28.717	ng		96
20) 3+4-Methylphenols	7.15	107	339319	29.497	ng		93
22) Acetophenone	7.13	105	452557	28.815	ng	#	95
24) Nitrobenzene	7.30	77	292203	24.905	ng		99
25) Isophorone	7.55	82	607929	29.744	ng		98
26) 2-Nitrophenol	7.62	139	46673	7.558	ng		96
27) 2,4-Dimethylphenol	7.66	122	289641	32.303	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	400489	31.720	ng		100
29) 2,4-Dichlorophenol	7.87	162	242313	26.530	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	261081	26.666	ng		100
31) Naphthalene	8.03	128	922417	28.041	ng		99
32) Benzoic acid	7.82	122	33737	4.491	ng		93
33) 4-Chloroaniline	8.08	127	330463	23.890	ng		98
34) Hexachlorobutadiene	8.13	225	139860	26.746	ng		97
35) Caprolactam	8.45	113	80660	26.740	ng		95
36) 4-Chloro-3-methylphenol	8.57	107	246605	25.615	ng		98
37) 2-Methylnaphthalene	8.72	142	611783	27.926	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	235045	29.326	ng		100
42) 2,4,6-Trichlorophenol	9.00	196	122441	22.820	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	126532	20.945	ng		98
45) 1,1'-Biphenyl	9.18	154	698826	29.337	ng		99
46) 2-Chloronaphthalene	9.21	162	523314	28.264	ng		96
47) 2-Nitroaniline	9.31	65	133238	23.082	ng		99
48) Acenaphthylene	9.62	152	782043	27.111	ng		99
49) Dimethylphthalate	9.48	163	637964	28.972	ng		99
50) 2,6-Dinitrotoluene	9.55	165	69866	14.716	ng		96
51) Acenaphthene	9.79	154	455360	27.030	ng		100
52) 3-Nitroaniline	9.72	138	140344	24.989	ng		93
54) Dibenzofuran	9.96	168	679148	29.787	ng		97
55) 4-Nitrophenol	9.91	139	59231	15.977	ng		96
56) 2,4-Dinitrotoluene	9.96	165	64809	11.101	ng	#	70
57) Fluorene	10.30	166	503518	27.870	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	85602	19.846	ng		97
59) Diethylphthalate	10.17	149	605015	28.275	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	232960	29.741	ng		97
61) 4-Nitroaniline	10.33	138	128059	22.851	ng		86
62) Azobenzene	10.46	77	533037	27.208	ng		99
65) n-Nitrosodiphenylamine	10.42	169	458837	32.365	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	130826	31.464	ng		94
67) Hexachlorobenzene	10.86	284	122801	26.408	ng	#	90
68) Atrazine	10.95	200	129573	30.946	ng		97
69) Pentachlorophenol	11.06	266	48395	19.811	ng		97
70) Phenanthrene	11.27	178	637130	28.307	ng		98
71) Anthracene	11.32	178	668499	29.099	ng		99
72) Carbazole	11.48	167	622867	27.791	ng		99
73) Di-n-butylphthalate	11.80	149	867773	30.975	ng		99
74) Fluoranthene	12.46	202	633134	27.585	ng		99
76) Benzidine	12.59	184	225705	23.538	ng		97
77) Pyrene	12.69	202	637782	28.900	ng		99
79) Butylbenzylphthalate	13.30	149	326570	29.735	ng		97
80) Benzo(a)anthracene	13.87	228	518714	29.517	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	187681	29.113	ng		99
82) Chrysene	13.92	228	503248	28.200	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	463450	31.400	ng	#	98
84) Di-n-octyl phthalate	14.47	149	781085	32.542	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	323576	21.955	ng		97
87) Benzo(b)fluoranthene	14.91	252	401164	30.560	ng		99
88) Benzo(k)fluoranthene	14.93	252	368776	29.735	ng		99
89) Benzo(a)pyrene	15.26	252	347037	29.313	ng		98
90) Dibenzo(a,h)anthracene	16.73	278	275098	28.685	ng		97
91) Benzo(g,h,i)perylene	17.14	276	268854	28.392	ng		95

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

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