Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096473.D
Acq On : 5 Jul 2017 10:18
Operator : SJ/MA
Sample : PB100369BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB100369BS

Quant Time: Jul 05 13:31:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	125925	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	526205	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	243865	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	437656	20.00	ng		0.00
75) Chrysene-d12	13.87	240	285763	20.00	ng		0.00
86) Perylene-d12	15.27	264	243144	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	940727	110.26	ng		0.02
7) Phenol-d6	6.36	99	1159356	110.54	ng		0.00
23) Nitrobenzene-d5	7.27	82	752718	85.96	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	244200	128.20	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1209678	84.81	ng		0.00
78) Terphenyl-d14	12.82	244	1014284	75.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	126610	31.30	ng	#	76
3) Pyridine	3.16	79	342929	30.89	ng	#	65
4) n-Nitrosodimethylamine	3.10	42	200498	36.60	ng	#	77
6) Aniline	6.37	93	317981	23.46	ng	#	1
8) 2-Chlorophenol	6.50	128	389987	42.86	ng		98
9) Benzaldehyde	6.25	77	119445	18.20	ng		98
10) Phenol	6.37	94	431387	36.10	ng		87
11) bis(2-Chloroethyl)ether	6.45	93	343823	37.23	ng		90
12) 1,3-Dichlorobenzene	6.66	146	406441	42.61	ng		99
13) 1,4-Dichlorobenzene	6.73	146	373364	39.16	ng		94
14) 1,2-Dichlorobenzene	6.89	146	376514	43.01	ng		97
15) Benzyl Alcohol	6.86	79	317775	45.32	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	807368	43.01	ng		92
17) 2-Methylphenol	6.97	107	323272	44.58	ng		98
18) Hexachloroethane	7.23	117	144651	41.85	ng	#	82
19) n-Nitroso-di-n-propylamine	7.13	70	258382	41.35	ng	#	85
20) 3+4-Methylphenols	7.13	107	375961	46.49	ng		96
22) Acetophenone	7.12	105	509202	44.29	ng	#	94
24) Nitrobenzene	7.29	77	382641	41.65	ng		94
25) Isophorone	7.54	82	692482	40.79	ng	#	94
26) 2-Nitrophenol	7.61	139	218016	44.84	ng	#	86
27) 2,4-Dimethylphenol	7.66	122	356655	43.08	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	418817	37.37	ng		100
29) 2,4-Dichlorophenol	7.86	162	297455	41.64	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	272685	40.47	ng		98
31) Naphthalene	8.02	128	997762	40.16	ng		100
32) Benzoic acid	7.80	122	291515	41.92	ng		93
33) 4-Chloroaniline	8.06	127	170390	16.51	ng		94
34) Hexachlorobutadiene	8.15	225	141815	41.03	ng		98
35) Caprolactam	8.45	113	106139m	43.09	ng		
36) 4-Chloro-3-methylphenol	8.56	107	315887	39.97	ng		92
37) 2-Methylnaphthalene	8.71	142	685383	43.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	231068	36.49	ng		98
40) Hexachlorocyclopentadiene	8.87	237	281633	91.47	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	194640	38.86	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	200541	40.49	ng		97
45) 1,1'-Biphenyl	9.17	154	764892	36.61	ng		98
46) 2-Chloronaphthalene	9.20	162	604224	38.80	ng	#	93
47) 2-Nitroaniline	9.29	65	215874	38.10	ng		94
48) Acenaphthylene	9.62	152	969438	39.29	ng		99
49) Dimethylphthalate	9.48	163	725871	39.87	ng		100
50) 2,6-Dinitrotoluene	9.54	165	163844	40.70	ng	#	88
51) Acenaphthene	9.79	154	567600	37.32	ng		99
52) 3-Nitroaniline	9.70	138	129112	25.71	ng		89
53) 2,4-Dinitrophenol	9.82	184	168893	78.99	ng	#	76
54) Dibenzofuran	9.96	168	855779	42.62	ng		99
55) 4-Nitrophenol	9.88	139	301599	72.47	ng	#	66
56) 2,4-Dinitrotoluene	9.94	165	221820	43.51	ng	#	84
57) Fluorene	10.30	166	628124	44.29	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	160917	46.96	ng		97
59) Diethylphthalate	10.18	149	715799	41.60	ng		100
60) 4-Chlorophenyl-phenylether	10.29	204	265731	43.07	ng		97
61) 4-Nitroaniline	10.32	138	191125	41.86	ng		90
62) Azobenzene	10.45	77	667090	40.09	ng		92
64) 4,6-Dinitro-2-methylphenol	10.36	198	116860	38.72	ng	#	74
65) n-Nitrosodiphenylamine	10.42	169	588183	38.30	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	172739	40.55	ng		97
67) Hexachlorobenzene	10.85	284	182470	39.12	ng	#	88
68) Atrazine	10.94	200	183735	41.88	ng		95
69) Pentachlorophenol	11.04	266	192733	69.73	ng		99
70) Phenanthrene	11.26	178	961424	40.64	ng		99
71) Anthracene	11.31	178	979023	40.61	ng		99
72) Carbazole	11.46	167	1003346	41.38	ng		98
73) Di-n-butylphthalate	11.80	149	1233178	41.99	ng		98
74) Fluoranthene	12.44	202	1013878	43.71	ng		99
76) Benzidine	12.56	184	239636	17.48	ng	#	94
77) Pyrene	12.67	202	1048747	45.72	ng		99
79) Butylbenzylphthalate	13.29	149	522096	44.96	ng	#	79
80) Benzo(a)anthracene	13.85	228	691415	41.78	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	179806	26.45	ng		98
82) Chrysene	13.89	228	704344	40.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	544359	42.00	ng		100
84) Di-n-octyl phthalate	14.47	149	1035129	40.56	ng		96
85) Indeno(1,2,3-cd)pyrene	16.64	276	563964	41.23	ng		100
87) Benzo(b)fluoranthene	14.87	252	590460	38.76	ng		98
88) Benzo(k)fluoranthene	14.90	252	582199m	42.72	ng		
89) Benzo(a)pyrene	15.22	252	556348	40.90	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	457687	42.77	ng		98
91) Benzo(g,h,i)perylene	17.05	276	484419	43.69	ng		98

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

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