Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091464.D
Acq On : 6 Dec 2016 17:48
Operator : UM/SJ
Sample : PB95074BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95074BS

Quant Time: Dec 07 00:46:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 00:12:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	133174	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	523085	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	304097	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	536363	20.00	ng		0.00
75) Chrysene-d12	13.99	240	397646	20.00	ng		0.00
86) Perylene-d12	15.41	264	342740	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	862141	105.76	ng		0.01
7) Phenol-d6	6.48	99	1252551	124.82	ng		0.01
23) Nitrobenzene-d5	7.41	82	796769	85.36	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	332343	115.44	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1329728	79.17	ng		0.00
78) Terphenyl-d14	12.95	244	1594301	87.14	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	106312	28.83	ng	#	82
3) Pyridine	3.24	79	319482	30.61	ng	#	84
4) n-Nitrosodimethylamine	3.18	42	204679	37.38	ng		95
6) Aniline	6.50	93	248566	18.65	ng	#	71
8) 2-Chlorophenol	6.63	128	340751	38.12	ng		95
9) Benzaldehyde	6.38	77	104412	16.18	ng		95
10) Phenol	6.49	94	497132	42.10	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	338536	40.12	ng		91
12) 1,3-Dichlorobenzene	6.78	146	344810	34.68	ng		96
13) 1,4-Dichlorobenzene	6.86	146	383408	38.77	ng		99
14) 1,2-Dichlorobenzene	7.01	146	331698	36.01	ng		99
15) Benzyl Alcohol	6.98	79	313764	39.07	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	642120	35.40	ng		71
17) 2-Methylphenol	7.10	107	255628	36.18	ng	#	74
18) Hexachloroethane	7.35	117	134621	38.34	ng	#	85
19) n-Nitroso-di-n-propylamine	7.26	70	223636	35.37	ng	#	96
20) 3+4-Methylphenols	7.26	107	346890	40.22	ng	#	66
22) Acetophenone	7.25	105	462139	37.28	ng	#	80
24) Nitrobenzene	7.42	77	368737	38.59	ng		93
25) Isophorone	7.67	82	685112	41.43	ng		96
26) 2-Nitrophenol	7.74	139	152698	35.06	ng		96
27) 2,4-Dimethylphenol	7.78	122	304440	37.37	ng		96
28) bis(2-Chloroethoxy)methane	7.88	93	348645	35.03	ng		100
29) 2,4-Dichlorophenol	7.98	162	258759	36.11	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	317414	39.50	ng		97
31) Naphthalene	8.15	128	960411	38.63	ng		99
32) Benzoic acid	7.90	122	155931	25.97	ng		98
33) 4-Chloroaniline	8.20	127	99507	9.36	ng		99
34) Hexachlorobutadiene	8.26	225	176338	35.69	ng		97
35) Caprolactam	8.57	113	84829	41.18	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	305160	39.44	ng		89
37) 2-Methylnaphthalene	8.84	142	602488	35.67	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	332968	38.84	ng		97
40) Hexachlorocyclopentadiene	9.00	237	314303	79.10	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	218832	39.28	ng		94
43) 2,4,5-Trichlorophenol	9.16	196	198131m	35.49	ng		
45) 1,1'-Biphenyl	9.30	154	825389	37.75	ng		95
46) 2-Chloronaphthalene	9.33	162	595607	36.57	ng		98
47) 2-Nitroaniline	9.42	65	198871	34.00	ng	#	75
48) Acenaphthylene	9.74	152	857629	33.46	ng		99
49) Dimethylphthalate	9.61	163	711516	38.64	ng		99
50) 2,6-Dinitrotoluene	9.67	165	168435	40.93	ng	#	55
51) Acenaphthene	9.91	154	581495	33.63	ng		98
52) 3-Nitroaniline	9.83	138	94037	19.74	ng		99
53) 2,4-Dinitrophenol	9.93	184	66957	37.20	ng		87
54) Dibenzofuran	10.08	168	816256	35.26	ng		98
55) 4-Nitrophenol	9.99	139	163734	47.59	ng		92
56) 2,4-Dinitrotoluene	10.07	165	236929	44.38	ng		99
57) Fluorene	10.42	166	655234	36.86	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.21	232	173714	36.43	ng		95
59) Diethylphthalate	10.31	149	719093	39.56	ng	#	94
60) 4-Chlorophenyl-phenylether	10.42	204	342996	38.48	ng		96
61) 4-Nitroaniline	10.45	138	156294	34.94	ng		97
62) Azobenzene	10.58	77	738071	39.80	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	65520	22.17	ng	#	70
65) n-Nitrosodiphenylamine	10.54	169	593451	36.49	ng		98
66) 4-Bromophenyl-phenylether	10.90	248	212962	36.94	ng		97
67) Hexachlorobenzene	10.97	284	231187	37.11	ng	#	88
68) Atrazine	11.06	200	181814	34.52	ng		99
69) Pentachlorophenol	11.17	266	213859	58.31	ng		99
70) Phenanthrene	11.38	178	1005697	36.08	ng		99
71) Anthracene	11.44	178	1034888	37.41	ng		98
72) Carbazole	11.59	167	890143	35.46	ng		98
73) Di-n-butylphthalate	11.93	149	1082851	38.07	ng	#	98
74) Fluoranthene	12.57	202	1146695	43.44	ng		95
76) Benzidine	12.69	184	146993	12.59	ng		97
77) Pyrene	12.79	202	1114216	36.92	ng		99
79) Butylbenzylphthalate	13.42	149	479015	42.39	ng		98
80) Benzo(a)anthracene	13.98	228	855000	36.77	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	158520	19.35	ng	#	98
82) Chrysene	14.01	228	718301	31.22	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	604712	42.22	ng		98
84) Di-n-octyl phthalate	14.60	149	975956	45.03	ng		95
85) Indeno(1,2,3-cd)pyrene	16.80	276	610968	28.99	ng	#	91
87) Benzo(b)fluoranthene	15.01	252	848295m	39.82	ng		
88) Benzo(k)fluoranthene	15.03	252	677201m	37.80	ng		
89) Benzo(a)pyrene	15.35	252	713876	37.31	ng	#	96
90) Dibenzo(a,h)anthracene	16.81	278	517169	29.23	ng	#	92
91) Benzo(g,h,i)perylene	17.21	276	493592	27.05	ng		96

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

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