Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101560.D
Acq On : 20 Dec 2017 11:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 20 14:26:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139331	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	569904	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	261135	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	484104	20.00	ng		0.00
75) Chrysene-d12	13.97	240	401539	20.00	ng		0.00
86) Perylene-d12	15.43	264	375402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	754454	80.66	ng		0.00
7) Phenol-d6	6.44	99	867853	74.55	ng		0.00
23) Nitrobenzene-d5	7.37	82	810973	79.21	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	199230	79.18	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1290975	76.69	ng		0.00
78) Terphenyl-d14	12.91	244	1218014	73.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	187258	38.961	ng		96
3) Pyridine	3.28	79	522124	39.100	ng		96
4) n-Nitrosodimethylamine	3.24	42	235930	38.372	ng		96
6) Aniline	6.46	93	610178	37.718	ng	#	88
8) 2-Chlorophenol	6.59	128	372989	37.907	ng		98
9) Benzaldehyde	6.36	77	320155	37.239	ng		99
10) Phenol	6.45	94	509100	38.370	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	401256	38.555	ng		94
12) 1,3-Dichlorobenzene	6.73	146	426977	38.449	ng		96
13) 1,4-Dichlorobenzene	6.81	146	436605	38.500	ng		99
14) 1,2-Dichlorobenzene	6.96	146	391860	38.389	ng		98
15) Benzyl Alcohol	6.95	79	295517	36.882	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	601498	37.763	ng		73
17) 2-Methylphenol	7.06	107	334172	36.921	ng		95
18) Hexachloroethane	7.30	117	153284	38.877	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	284329	37.192	ng		94
20) 3+4-Methylphenols	7.22	107	387509	40.403	ng	#	52
22) Acetophenone	7.22	105	498844	38.361	ng	#	90
24) Nitrobenzene	7.39	77	439059	38.749	ng		96
25) Isophorone	7.62	82	771397	37.559	ng		96
26) 2-Nitrophenol	7.70	139	206216	42.362	ng		99
27) 2,4-Dimethylphenol	7.74	122	307804	37.220	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	491409	37.667	ng		98
29) 2,4-Dichlorophenol	7.95	162	320420	39.217	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	331048	38.395	ng		98
31) Naphthalene	8.10	128	1077147	37.543	ng		100
32) Benzoic acid	7.90	122	210380	39.454	ng		95
33) 4-Chloroaniline	8.16	127	466068	37.375	ng		97
34) Hexachlorobutadiene	8.21	225	193463	38.795	ng		99
35) Caprolactam	8.54	113	104971	37.001	ng	#	83
36) 4-Chloro-3-methylphenol	8.65	107	343552	38.257	ng		99
37) 2-Methylnaphthalene	8.79	142	694986	37.179	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	337523	38.283	ng		97
40) Hexachlorocyclopentadiene	8.93	237	48699	40.372	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	204919	38.607	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	225102	38.732	ng		97
45) 1,1'-Biphenyl	9.26	154	868356	37.496	ng		99
46) 2-Chloronaphthalene	9.29	162	663102	37.421	ng		96
47) 2-Nitroaniline	9.39	65	246856	40.326	ng		92
48) Acenaphthylene	9.70	152	1004389	35.886	ng		99
49) Dimethylphthalate	9.56	163	747753	35.599	ng		99
50) 2,6-Dinitrotoluene	9.63	165	163030	38.189	ng		97
51) Acenaphthene	9.87	154	614486	36.543	ng		99
52) 3-Nitroaniline	9.80	138	210784	39.603	ng		96
53) 2,4-Dinitrophenol	9.93	184	51049	40.224	ng	#	19
54) Dibenzofuran	10.04	168	825416	38.626	ng		98
55) 4-Nitrophenol	9.99	139	76931	33.148	ng		94
56) 2,4-Dinitrotoluene	10.05	165	197125	40.984	ng	#	84
57) Fluorene	10.39	166	698409	38.634	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	160951	38.547	ng		92
59) Diethylphthalate	10.25	149	773674	37.195	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	338771	39.102	ng		90
61) 4-Nitroaniline	10.42	138	198451	37.094	ng		97
62) Azobenzene	10.53	77	802761	37.255	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	116788	47.274	ng		88
65) n-Nitrosodiphenylamine	10.50	169	673817	37.695	ng		97
66) 4-Bromophenyl-phenylether	10.86	248	212127	38.997	ng	#	89
67) Hexachlorobenzene	10.94	284	225336	39.141	ng	#	84
68) Atrazine	11.02	200	201964	37.892	ng		98
69) Pentachlorophenol	11.14	266	75396	37.474	ng		96
70) Phenanthrene	11.35	178	1007387	37.419	ng		98
71) Anthracene	11.40	178	1027183	37.352	ng		100
72) Carbazole	11.56	167	966035	37.520	ng		99
73) Di-n-butylphthalate	11.87	149	1207628	38.644	ng		99
74) Fluoranthene	12.54	202	1057494	37.423	ng		99
76) Benzidine	12.66	184	623817	36.784	ng		99
77) Pyrene	12.77	202	1095477	36.352	ng		100
79) Butylbenzylphthalate	13.37	149	522027	38.284	ng		94
80) Benzo(a)anthracene	13.96	228	975522	36.792	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	332086	38.412	ng		96
82) Chrysene	14.00	228	919768	36.740	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	663906	38.440	ng		100
84) Di-n-octyl phthalate	14.54	149	1209219	39.259	ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	768604	34.477	ng		96
87) Benzo(b)fluoranthene	15.01	252	905743	39.584	ng		98
88) Benzo(k)fluoranthene	15.04	252	779854	35.054	ng		98
89) Benzo(a)pyrene	15.38	252	781214	37.036	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	643960	35.557	ng		98
91) Benzo(g,h,i)perylene	17.35	276	643572	35.887	ng		95

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

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