Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100829.D
Acq On : 22 Nov 2017 18:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 23 23:34:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	83718	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	341622	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	163674	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	322679	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	254744	20.00	ng		-0.01
86) Perylene-d12	15.50	264	221347	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	411580	78.81	ng		-0.02
7) Phenol-d6	6.49	99	506315	78.62	ng		-0.02
23) Nitrobenzene-d5	7.43	82	464438	89.88	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	153964	92.31	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	950920	88.47	ng		-0.02
78) Terphenyl-d14	12.97	244	922683	83.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	91288	35.867	ng		97
3) Pyridine	3.40	79	253402	36.493	ng		96
4) n-Nitrosodimethylamine	3.36	42	118424	35.127	ng		94
6) Aniline	6.53	93	342903	37.688	ng		98
8) 2-Chlorophenol	6.65	128	229482	41.535	ng		98
9) Benzaldehyde	6.42	77	155468	33.803	ng		94
10) Phenol	6.50	94	282281	41.752	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	220361	38.804	ng		97
12) 1,3-Dichlorobenzene	6.80	146	266842	41.891	ng		98
13) 1,4-Dichlorobenzene	6.88	146	271834	42.163	ng		97
14) 1,2-Dichlorobenzene	7.03	146	252145	42.299	ng		98
15) Benzyl Alcohol	7.00	79	199333	39.658	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	325533	35.841	ng		97
17) 2-Methylphenol	7.11	107	189152	40.062	ng		98
18) Hexachloroethane	7.37	117	89592	42.147	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	170011	38.065	ng		94
20) 3+4-Methylphenols	7.27	107	233665	39.109	ng	#	80
22) Acetophenone	7.27	105	324106	38.907	ng		97
24) Nitrobenzene	7.45	77	231848	43.594	ng		94
25) Isophorone	7.69	82	403267	37.138	ng		100
26) 2-Nitrophenol	7.76	139	127142	50.653	ng		91
27) 2,4-Dimethylphenol	7.80	122	194883	40.037	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	275613	38.804	ng		99
29) 2,4-Dichlorophenol	8.00	162	202329	43.541	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	218262	43.422	ng		95
31) Naphthalene	8.17	128	676550	41.117	ng		99
32) Benzoic acid	7.93	122	173759	46.886	ng		98
33) 4-Chloroaniline	8.22	127	277220	40.475	ng		99
34) Hexachlorobutadiene	8.28	225	131258	43.919	ng		98
35) Caprolactam	8.60	113	60203	37.751	ng		92
36) 4-Chloro-3-methylphenol	8.70	107	201001	40.275	ng		94
37) 2-Methylnaphthalene	8.86	142	458885	42.007	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	243924	44.936	ng	#	97
40) Hexachlorocyclopentadiene	9.01	237	98295	38.475	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	148459	43.152	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	164633	46.187	ng		94
45) 1,1'-Biphenyl	9.32	154	604036	42.670	ng		99
46) 2-Chloronaphthalene	9.35	162	434433	42.302	ng		96
47) 2-Nitroaniline	9.45	65	128156	42.567	ng		98
48) Acenaphthylene	9.77	152	698534	41.043	ng		100
49) Dimethylphthalate	9.63	163	519512	41.572	ng		99
50) 2,6-Dinitrotoluene	9.69	165	113765	45.991	ng		94
51) Acenaphthene	9.94	154	413796	39.977	ng		99
52) 3-Nitroaniline	9.86	138	129075	44.188	ng		97
53) 2,4-Dinitrophenol	9.96	184	55809	59.475	ng	#	17
54) Dibenzofuran	10.11	168	595527	41.050	ng		98
55) 4-Nitrophenol	10.02	139	94652	39.907	ng		86
56) 2,4-Dinitrotoluene	10.09	165	146917	47.080	ng	#	93
57) Fluorene	10.45	166	470293	44.252	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	123523	42.283	ng	#	86
59) Diethylphthalate	10.32	149	508897	40.693	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	233361	44.761	ng		94
61) 4-Nitroaniline	10.47	138	126312	45.604	ng		90
62) Azobenzene	10.60	77	441017	37.443	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	90371	54.134	ng		78
65) n-Nitrosodiphenylamine	10.56	169	462509	41.222	ng		94
66) 4-Bromophenyl-phenylether	10.93	248	146607	42.383	ng	#	84
67) Hexachlorobenzene	11.00	284	153454	42.417	ng	#	91
68) Atrazine	11.09	200	143947	42.384	ng		98
69) Pentachlorophenol	11.19	266	101699	39.203	ng		99
70) Phenanthrene	11.42	178	687476	40.465	ng		99
71) Anthracene	11.47	178	701344	40.689	ng		99
72) Carbazole	11.62	167	632883	39.793	ng		98
73) Di-n-butylphthalate	11.94	149	804652	43.233	ng		98
74) Fluoranthene	12.60	202	725822	40.311	ng		96
76) Benzidine	12.72	184	366250	35.900	ng		99
77) Pyrene	12.83	202	743367	40.936	ng		99
79) Butylbenzylphthalate	13.44	149	329052	44.433	ng		90
80) Benzo(a)anthracene	14.02	228	650113	42.379	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	237878	43.279	ng		97
82) Chrysene	14.06	228	601088	40.463	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	456175	46.835	ng		100
84) Di-n-octyl phthalate	14.61	149	753417	45.027	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	470026	39.118	ng		94
87) Benzo(b)fluoranthene	15.07	252	562532	42.897	ng		98
88) Benzo(k)fluoranthene	15.10	252	527684	42.588	ng	#	97
89) Benzo(a)pyrene	15.44	252	495663	42.635	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	396128	41.664	ng		96
91) Benzo(g,h,i)perylene	17.43	276	377464	40.557	ng		93

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

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