Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102871.D
Acq On : 8 Feb 2018 22:57
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 09 00:25:32 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	171945	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	667667	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	258328	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	369745	20.00	ng		0.00
75) Chrysene-d12	14.06	240	296126	20.00	ng		0.00
86) Perylene-d12	15.54	264	248591	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	913875	80.72	ng		0.00
7) Phenol-d6	6.52	99	1066483	78.23	ng		0.01
23) Nitrobenzene-d5	7.45	82	944745	98.16	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	145028	69.75	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1326377	85.20	ng		0.00
78) Terphenyl-d14	13.00	244	860099	68.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	244446	43.712	ng		89
3) Pyridine	3.42	79	698866	45.233	ng		95
4) n-Nitrosodimethylamine	3.38	42	297548	45.011	ng	#	90
6) Aniline	6.55	93	778899	38.689	ng		94
8) 2-Chlorophenol	6.67	128	449304	38.546	ng		97
9) Benzaldehyde	6.44	77	384617	37.991	ng		97
10) Phenol	6.53	94	627659	42.961	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	474404	39.023	ng		92
12) 1,3-Dichlorobenzene	6.83	146	512449	37.965	ng		97
13) 1,4-Dichlorobenzene	6.90	146	510179	37.943	ng		99
14) 1,2-Dichlorobenzene	7.06	146	473617	37.817	ng		99
15) Benzyl Alcohol	7.03	79	418431	39.922	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	821161	35.558	ng		99
17) 2-Methylphenol	7.13	107	406977	37.852	ng		97
18) Hexachloroethane	7.40	117	137664	29.857	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	326364	36.310	ng		92
20) 3+4-Methylphenols	7.29	107	482291	36.375	ng		92
22) Acetophenone	7.30	105	624668	38.233	ng	#	94
24) Nitrobenzene	7.47	77	530333	46.847	ng		94
25) Isophorone	7.70	82	887635	40.052	ng		96
26) 2-Nitrophenol	7.79	139	203566	44.531	ng		96
27) 2,4-Dimethylphenol	7.82	122	359473	38.393	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	527083	40.147	ng		100
29) 2,4-Dichlorophenol	8.03	162	336896	39.581	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	363923	37.794	ng		99
31) Naphthalene	8.19	128	1231394	37.749	ng		99
32) Benzoic acid	7.92	122	249930	40.527	ng		94
33) 4-Chloroaniline	8.24	127	537815	38.271	ng		97
34) Hexachlorobutadiene	8.30	225	192387	38.991	ng		98
35) Caprolactam	8.61	113	114060	38.586	ng	#	71
36) 4-Chloro-3-methylphenol	8.72	107	363223	37.980	ng		98
37) 2-Methylnaphthalene	8.89	142	764289	35.786	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	301426	42.854	ng		98
40) Hexachlorocyclopentadiene	9.03	237	8411	2.515	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	198319	42.926	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	217165	41.705	ng		96
45) 1,1'-Biphenyl	9.35	154	887566	40.792	ng		99
46) 2-Chloronaphthalene	9.37	162	689306	40.241	ng		99
47) 2-Nitroaniline	9.47	65	278427	52.336	ng		86
48) Acenaphthylene	9.79	152	1038284	39.026	ng		99
49) Dimethylphthalate	9.65	163	833324	41.372	ng		99
50) 2,6-Dinitrotoluene	9.71	165	160034	41.761	ng		93
51) Acenaphthene	9.96	154	592695	37.251	ng		99
52) 3-Nitroaniline	9.88	138	218555	46.351	ng		98
53) 2,4-Dinitrophenol	9.99	184	3946	13.448	ng	#	25
54) Dibenzofuran	10.13	168	841530	37.531	ng		96
55) 4-Nitrophenol	10.03	139	120277	33.503	ng		94
56) 2,4-Dinitrotoluene	10.11	165	186584	37.054	ng	#	85
57) Fluorene	10.47	166	611058	37.456	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	129968	36.012	ng		94
59) Diethylphthalate	10.34	149	788830	39.662	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	286729	39.730	ng		95
61) 4-Nitroaniline	10.49	138	192824	42.962	ng		99
62) Azobenzene	10.63	77	773775	38.944	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	12041	15.875	ng	#	71
65) n-Nitrosodiphenylamine	10.58	169	562879	43.159	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	160681	41.082	ng		95
67) Hexachlorobenzene	11.02	284	168211	38.985	ng		97
68) Atrazine	11.11	200	155294	40.362	ng		99
69) Pentachlorophenol	11.22	266	84349	33.302	ng		99
70) Phenanthrene	11.44	178	786078	38.173	ng		99
71) Anthracene	11.49	178	789961	37.717	ng		99
72) Carbazole	11.65	167	776643	37.850	ng		99
73) Di-n-butylphthalate	11.97	149	1055004	42.327	ng		99
74) Fluoranthene	12.63	202	777761	37.540	ng		98
76) Benzidine	12.75	184	580442	42.648	ng		99
77) Pyrene	12.86	202	814026	35.056	ng		99
79) Butylbenzylphthalate	13.47	149	434899	39.343	ng		94
80) Benzo(a)anthracene	14.04	228	737312	39.590	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	303238	43.915	ng		97
82) Chrysene	14.09	228	705159	37.561	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	614031	43.166	ng	#	99
84) Di-n-octyl phthalate	14.64	149	1005478	47.075	ng		96
85) Indeno(1,2,3-cd)pyrene	17.04	276	506410	32.524	ng		98
87) Benzo(b)fluoranthene	15.10	252	668679	41.489	ng	#	97
88) Benzo(k)fluoranthene	15.13	252	611442	39.705	ng		98
89) Benzo(a)pyrene	15.48	252	563186	38.821	ng		97
90) Dibenzo(a,h)anthracene	17.06	278	433680	36.830	ng		98
91) Benzo(g,h,i)perylene	17.50	276	400083	34.713	ng		97

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

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