Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102098.D
Acq On : 16 Jan 2018 10:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 16 23:28:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171506	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	728376	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	324937	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	557693	20.00	ng		0.00
75) Chrysene-d12	13.87	240	385590	20.00	ng		0.00
86) Perylene-d12	15.29	264	328024	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	822612	67.73	ng		0.00
7) Phenol-d6	6.36	99	1063144	73.37	ng		0.00
23) Nitrobenzene-d5	7.29	82	974997	78.66	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	237689	83.82	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1638257	78.77	ng		0.00
78) Terphenyl-d14	12.83	244	1314859	70.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	185982	30.684	ng		96
3) Pyridine	3.08	79	492211	29.736	ng		93
4) n-Nitrosodimethylamine	3.04	42	188433	27.185	ng		97
6) Aniline	6.39	93	740525	36.261	ng		100
8) 2-Chlorophenol	6.50	128	470883	38.656	ng		97
9) Benzaldehyde	6.27	77	334707	33.265	ng		97
10) Phenol	6.37	94	592567	36.184	ng		84
11) bis(2-Chloroethyl)ether	6.46	93	453999	36.423	ng		96
12) 1,3-Dichlorobenzene	6.66	146	539583	38.426	ng		99
13) 1,4-Dichlorobenzene	6.74	146	543750	38.806	ng		99
14) 1,2-Dichlorobenzene	6.89	146	509494	39.285	ng		99
15) Benzyl Alcohol	6.87	79	387854	36.590	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	783361	34.092	ng		99
17) 2-Methylphenol	6.98	107	415599	37.821	ng		99
18) Hexachloroethane	7.23	117	193652	39.247	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	327304	34.466	ng		98
20) 3+4-Methylphenols	7.13	107	468793	35.531	ng	#	72
22) Acetophenone	7.14	105	623091	35.505	ng	#	91
24) Nitrobenzene	7.31	77	507668	38.116	ng		99
25) Isophorone	7.55	82	871728	35.593	ng		98
26) 2-Nitrophenol	7.62	139	265441	47.616	ng		99
27) 2,4-Dimethylphenol	7.66	122	387960	37.264	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	538018	36.382	ng		99
29) 2,4-Dichlorophenol	7.86	162	385064	38.952	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	404654	39.134	ng		97
31) Naphthalene	8.03	128	1348430	37.049	ng		100
32) Benzoic acid	7.79	122	374287	47.410	ng		99
33) 4-Chloroaniline	8.08	127	588747	37.900	ng		98
34) Hexachlorobutadiene	8.15	225	217869	39.805	ng		98
35) Caprolactam	8.46	113	127533	37.579	ng		99
36) 4-Chloro-3-methylphenol	8.56	107	408024	37.706	ng		96
37) 2-Methylnaphthalene	8.72	142	897181	37.444	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	365180	39.725	ng		100
40) Hexachlorocyclopentadiene	8.87	237	218780	43.518	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	255387	40.315	ng		100
43) 2,4,5-Trichlorophenol	9.03	196	287246	40.119	ng		98
45) 1,1'-Biphenyl	9.19	154	1069753	37.246	ng		98
46) 2-Chloronaphthalene	9.21	162	845679	37.971	ng		98
47) 2-Nitroaniline	9.30	65	281841	42.246	ng		94
48) Acenaphthylene	9.62	152	1324495	37.473	ng		99
49) Dimethylphthalate	9.49	163	998612	38.310	ng		99
50) 2,6-Dinitrotoluene	9.55	165	224688	43.152	ng		91
51) Acenaphthene	9.79	154	767460	35.774	ng		99
52) 3-Nitroaniline	9.72	138	268167	40.808	ng		98
53) 2,4-Dinitrophenol	9.82	184	109460	57.714	ng	#	18
54) Dibenzofuran	9.96	168	1087514	36.936	ng		96
55) 4-Nitrophenol	9.87	139	198564	40.547	ng		96
56) 2,4-Dinitrotoluene	9.95	165	279125	42.770	ng		98
57) Fluorene	10.30	166	822075	40.390	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	204464	40.112	ng		99
59) Diethylphthalate	10.19	149	960965	37.061	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	356858	41.175	ng		99
61) 4-Nitroaniline	10.33	138	268328	43.026	ng		92
62) Azobenzene	10.46	77	933205	36.174	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	153739	50.432	ng		96
65) n-Nitrosodiphenylamine	10.42	169	773442	37.036	ng		98
66) 4-Bromophenyl-phenylether	10.79	248	228770	38.844	ng		98
67) Hexachlorobenzene	10.85	284	253041	39.356	ng		92
68) Atrazine	10.95	200	237005	39.270	ng		99
69) Pentachlorophenol	11.05	266	166928	42.577	ng		99
70) Phenanthrene	11.26	178	1210255	37.151	ng		100
71) Anthracene	11.32	178	1233581	37.337	ng		100
72) Carbazole	11.47	167	1201651	37.004	ng		100
73) Di-n-butylphthalate	11.80	149	1482090	37.200	ng		99
74) Fluoranthene	12.45	202	1199738	37.432	ng		97
76) Benzidine	12.57	184	587207	31.537	ng		99
77) Pyrene	12.67	202	1223837	35.907	ng		100
79) Butylbenzylphthalate	13.30	149	597432	38.194	ng		99
80) Benzo(a)anthracene	13.86	228	883353	35.906	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	337166	37.014	ng		97
82) Chrysene	13.90	228	941157	36.688	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	686596	38.264	ng		99
84) Di-n-octyl phthalate	14.47	149	1133962	38.083	ng		100
85) Indeno(1,2,3-cd)pyrene	16.66	276	740260	39.647	ng		97
87) Benzo(b)fluoranthene	14.88	252	832968	38.945	ng		97
88) Benzo(k)fluoranthene	14.91	252	740315	35.881	ng		99
89) Benzo(a)pyrene	15.23	252	729135	37.884	ng	#	96
90) Dibenzo(a,h)anthracene	16.68	278	610710	39.762	ng		99
91) Benzo(g,h,i)perylene	17.08	276	618518	39.977	ng		98

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

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