Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103744.D
Acq On : 19 Mar 2018 9:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 19 10:47:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 10:47:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156257	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	646432	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	302136	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	534249	20.00	ng		0.00
75) Chrysene-d12	14.16	240	447513	20.00	ng		0.00
86) Perylene-d12	15.70	264	446774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	814501	79.28	ng		0.00
7) Phenol-d6	6.59	99	1004073	79.89	ng		0.00
23) Nitrobenzene-d5	7.54	82	887137	95.70	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	243652	93.79	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1416007	74.76	ng		0.00
78) Terphenyl-d14	13.10	244	1395255	72.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	200656	39.666	ng		91
3) Pyridine	3.60	79	547044	39.317	ng		89
4) n-Nitrosodimethylamine	3.57	42	187956	36.637	ng	#	76
6) Aniline	6.64	93	713843	39.775	ng		98
8) 2-Chlorophenol	6.76	128	437808	40.681	ng		97
9) Benzaldehyde	6.53	77	319742	38.723	ng		98
10) Phenol	6.61	94	534024	39.985	ng		93
11) bis(2-Chloroethyl)ether	6.71	93	441146	40.012	ng		93
12) 1,3-Dichlorobenzene	6.92	146	487988	39.812	ng		99
13) 1,4-Dichlorobenzene	6.99	146	489016	39.703	ng		99
14) 1,2-Dichlorobenzene	7.15	146	450156	39.386	ng		100
15) Benzyl Alcohol	7.11	79	387000	39.740	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	603521	38.486	ng		94
17) 2-Methylphenol	7.22	107	386324	40.311	ng		98
18) Hexachloroethane	7.49	117	178622	41.228	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	302740	37.585	ng		91
20) 3+4-Methylphenols	7.37	107	486448	39.996	ng		98
22) Acetophenone	7.38	105	623541	37.532	ng	#	95
24) Nitrobenzene	7.56	77	478359	43.956	ng		100
25) Isophorone	7.79	82	820575	38.240	ng		99
26) 2-Nitrophenol	7.87	139	232573	54.563	ng		99
27) 2,4-Dimethylphenol	7.90	122	373497	40.629	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	511670	39.377	ng		100
29) 2,4-Dichlorophenol	8.11	162	349944	41.841	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	385684	39.759	ng		99
31) Naphthalene	8.28	128	1260986	38.616	ng		100
32) Benzoic acid	8.02	122	332059	50.533	ng		99
33) 4-Chloroaniline	8.32	127	551848	40.282	ng		99
34) Hexachlorobutadiene	8.39	225	209370	39.366	ng		98
35) Caprolactam	8.70	113	122432	42.512	ng		90
36) 4-Chloro-3-methylphenol	8.80	107	377653	40.959	ng		98
37) 2-Methylnaphthalene	8.97	142	801526	38.706	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	344387	39.954	ng		99
40) Hexachlorocyclopentadiene	9.12	237	209158	47.026	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	245435	44.517	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	274048	44.039	ng		97
45) 1,1'-Biphenyl	9.43	154	982525	38.999	ng		100
46) 2-Chloronaphthalene	9.46	162	788093	39.384	ng		99
47) 2-Nitroaniline	9.56	65	249899	47.776	ng		93
48) Acenaphthylene	9.88	152	1204958	38.832	ng		100
49) Dimethylphthalate	9.73	163	928353	40.273	ng		100
50) 2,6-Dinitrotoluene	9.80	165	205126	46.167	ng		94
51) Acenaphthene	10.05	154	756406	41.054	ng		99
52) 3-Nitroaniline	9.97	138	246921	46.346	ng		99
53) 2,4-Dinitrophenol	10.07	184	85233	69.088	ng	#	21
54) Dibenzofuran	10.22	168	1025971	38.989	ng		98
55) 4-Nitrophenol	10.12	139	186467	46.408	ng		93
56) 2,4-Dinitrotoluene	10.20	165	271598	48.066	ng	#	91
57) Fluorene	10.57	166	793684	38.869	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	199062	45.145	ng		96
59) Diethylphthalate	10.43	149	899293	39.306	ng		99
60) 4-Chlorophenyl-phenylether	10.56	204	368981	39.540	ng		95
61) 4-Nitroaniline	10.59	138	238940	46.575	ng		96
62) Azobenzene	10.72	77	872241	37.498	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	138153	61.866	ng		91
65) n-Nitrosodiphenylamine	10.67	169	726148	39.931	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	226686	41.326	ng		97
67) Hexachlorobenzene	11.12	284	253813	40.541	ng		94
68) Atrazine	11.20	200	237808	42.274	ng		99
69) Pentachlorophenol	11.31	266	164612	45.734	ng		97
70) Phenanthrene	11.53	178	1151316	39.395	ng		99
71) Anthracene	11.59	178	1179076	39.723	ng		100
72) Carbazole	11.74	167	1145429	39.703	ng		99
73) Di-n-butylphthalate	12.06	149	1408160	40.679	ng		100
74) Fluoranthene	12.73	202	1206636	40.077	ng		100
76) Benzidine	12.84	184	640624	33.564	ng		99
77) Pyrene	12.96	202	1236957	37.637	ng		100
79) Butylbenzylphthalate	13.57	149	612213	42.045	ng		98
80) Benzo(a)anthracene	14.15	228	1125118	39.718	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	393853	41.566	ng		98
82) Chrysene	14.19	228	1049935	38.882	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	836327	40.205	ng		99
84) Di-n-octyl phthalate	14.75	149	1354635	44.763	ng		97
85) Indeno(1,2,3-cd)pyrene	17.29	276	1088246	46.148	ng		98
87) Benzo(b)fluoranthene	15.25	252	1082748	38.360	ng		99
88) Benzo(k)fluoranthene	15.28	252	1019495	37.574	ng		100
89) Benzo(a)pyrene	15.64	252	1005247	39.265	ng		98
90) Dibenzo(a,h)anthracene	17.31	278	892599	40.265	ng		99
91) Benzo(g,h,i)perylene	17.77	276	891951	41.359	ng		97

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

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