Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101981.D
Acq On : 10 Jan 2018 16:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 11 01:51:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	198969	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	827004	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	357814	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	610244	20.00	ng		0.00
75) Chrysene-d12	13.89	240	402784	20.00	ng		0.00
86) Perylene-d12	15.30	264	334595	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1043262	74.04	ng		0.01
7) Phenol-d6	6.37	99	1247407	74.20	ng		0.02
23) Nitrobenzene-d5	7.30	82	1129543	80.26	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	252542	80.88	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1826010	79.73	ng		0.00
78) Terphenyl-d14	12.83	244	1439583	74.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	261721	37.220	ng		95
3) Pyridine	3.11	79	721779	37.586	ng		94
4) n-Nitrosodimethylamine	3.06	42	296735	36.900	ng		92
6) Aniline	6.39	93	872391	36.822	ng		98
8) 2-Chlorophenol	6.52	128	538520	38.107	ng		98
9) Benzaldehyde	6.28	77	435109	37.275	ng		98
10) Phenol	6.38	94	693103	36.481	ng		88
11) bis(2-Chloroethyl)ether	6.47	93	541380	37.438	ng		98
12) 1,3-Dichlorobenzene	6.67	146	613423	37.655	ng		98
13) 1,4-Dichlorobenzene	6.75	146	613483	37.740	ng		100
14) 1,2-Dichlorobenzene	6.90	146	569547	37.854	ng		98
15) Benzyl Alcohol	6.87	79	454046	36.923	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	972483	36.481	ng		98
17) 2-Methylphenol	6.99	107	475279	37.282	ng		99
18) Hexachloroethane	7.24	117	221715	38.732	ng		92
19) n-Nitroso-di-n-propylamine	7.15	70	382912	34.756	ng		92
20) 3+4-Methylphenols	7.15	107	550767	35.982	ng	#	65
22) Acetophenone	7.15	105	724884	36.379	ng	#	86
24) Nitrobenzene	7.32	77	591842	39.137	ng		98
25) Isophorone	7.56	82	1025555	36.880	ng		99
26) 2-Nitrophenol	7.63	139	288841	45.634	ng		92
27) 2,4-Dimethylphenol	7.67	122	448263	37.921	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	626919	37.338	ng		99
29) 2,4-Dichlorophenol	7.87	162	442911	39.460	ng		100
30) 1,2,4-Trichlorobenzene	7.96	180	453090	38.592	ng		98
31) Naphthalene	8.03	128	1558762	37.720	ng		99
32) Benzoic acid	7.80	122	406130	45.308	ng		97
33) 4-Chloroaniline	8.09	127	667437	37.841	ng		98
34) Hexachlorobutadiene	8.15	225	242337	38.995	ng		96
35) Caprolactam	8.47	113	149419	38.777	ng		92
36) 4-Chloro-3-methylphenol	8.57	107	462776	37.666	ng		99
37) 2-Methylnaphthalene	8.73	142	1020271	37.503	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	397339	39.252	ng		99
40) Hexachlorocyclopentadiene	8.87	237	240084	43.367	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	279489	40.066	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	316618	40.158	ng		97
45) 1,1'-Biphenyl	9.19	154	1192908	37.718	ng		99
46) 2-Chloronaphthalene	9.22	162	944881	38.527	ng		99
47) 2-Nitroaniline	9.32	65	323024	43.970	ng		95
48) Acenaphthylene	9.63	152	1487442	38.217	ng		99
49) Dimethylphthalate	9.50	163	1095301	38.158	ng		99
50) 2,6-Dinitrotoluene	9.56	165	242970	42.376	ng		95
51) Acenaphthene	9.80	154	871156	36.876	ng		99
52) 3-Nitroaniline	9.73	138	298074	41.192	ng		97
53) 2,4-Dinitrophenol	9.83	184	95421	47.493	ng	#	20
54) Dibenzofuran	9.97	168	1226220	37.821	ng		98
55) 4-Nitrophenol	9.88	139	226986	42.091	ng		93
56) 2,4-Dinitrotoluene	9.96	165	315837	43.949	ng		98
57) Fluorene	10.32	166	900927	40.197	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	222136	39.575	ng		99
59) Diethylphthalate	10.19	149	1081759	37.886	ng		99
60) 4-Chlorophenyl-phenylether	10.31	204	384840	40.323	ng		99
61) 4-Nitroaniline	10.34	138	294039	42.816	ng		93
62) Azobenzene	10.47	77	1069206	37.638	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	151836	46.071	ng		94
65) n-Nitrosodiphenylamine	10.43	169	862164	37.730	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	251355	39.003	ng		95
67) Hexachlorobenzene	10.86	284	272035	38.667	ng		98
68) Atrazine	10.96	200	260480	39.443	ng		98
69) Pentachlorophenol	11.05	266	166465	38.802	ng		98
70) Phenanthrene	11.27	178	1336193	37.485	ng		99
71) Anthracene	11.33	178	1361977	37.674	ng		100
72) Carbazole	11.48	167	1328950	37.399	ng		99
73) Di-n-butylphthalate	11.82	149	1643958	37.710	ng		99
74) Fluoranthene	12.46	202	1323051	37.725	ng		99
76) Benzidine	12.59	184	706000	36.298	ng		97
77) Pyrene	12.69	202	1344019	37.750	ng		99
79) Butylbenzylphthalate	13.31	149	665663	40.740	ng		97
80) Benzo(a)anthracene	13.87	228	942754	36.685	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	367562	38.628	ng		98
82) Chrysene	13.91	228	994708	37.120	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	751356	40.086	ng	#	99
84) Di-n-octyl phthalate	14.48	149	1243567	39.981	ng		97
85) Indeno(1,2,3-cd)pyrene	16.68	276	750532	38.482	ng		95
87) Benzo(b)fluoranthene	14.90	252	849212	38.925	ng		99
88) Benzo(k)fluoranthene	14.93	252	779120	37.020	ng		99
89) Benzo(a)pyrene	15.24	252	742362	37.814	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	620648	39.615	ng	#	95
91) Benzo(g,h,i)perylene	17.10	276	630137	39.929	ng		96

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

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