Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102806.D
Acq On : 7 Feb 2018 10:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/8/2018 1:40:56 PM

Quant Time: Apr 13 16:23:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 16:01:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	254064	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1058591	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	489164	20.00	ng		0.01
63) Phenanthrene-d10	11.41	188	841535	20.00	ng		0.01
75) Chrysene-d12	14.06	240	591046	20.00	ng		0.02
86) Perylene-d12	15.53	264	520684	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1225403	73.25	ng		0.01
7) Phenol-d6	6.52	99	1492419	74.09	ng		0.02
23) Nitrobenzene-d5	7.45	82	1348215	88.35	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	338265	85.92	ng		0.01
44) 2-Fluorobiphenyl	9.24	172	2112481	71.66	ng		0.00
78) Terphenyl-d14	13.00	244	1782330	71.40	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	312048	37.764	ng		87
3) Pyridine	3.43	79	887715	38.885	ng		87
4) n-Nitrosodimethylamine	3.39	42	370090	37.889	ng		98
6) Aniline	6.55	93	1117198	37.556	ng		95
8) 2-Chlorophenol	6.67	128	651762	37.842	ng		93
9) Benzaldehyde	6.44	77	516501	34.528	ng		96
10) Phenol	6.53	94	813344	37.896	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	670761	37.341	ng		92
12) 1,3-Dichlorobenzene	6.83	146	740310	37.118	ng		99
13) 1,4-Dichlorobenzene	6.90	146	739275	37.210	ng		99
14) 1,2-Dichlorobenzene	7.06	146	664983	35.935	ng		98
15) Benzyl Alcohol	7.03	79	594725	38.402	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1223334	35.851	ng		98
17) 2-Methylphenol	7.13	107	601358	37.853	ng		100
18) Hexachloroethane	7.40	117	271847	39.902	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	479574	36.110	ng		96
20) 3+4-Methylphenols	7.29	107	705954	36.034	ng		92
22) Acetophenone	7.30	105	908172	35.058	ng		96
24) Nitrobenzene	7.47	77	740468	41.246	ng		96
25) Isophorone	7.71	82	1322110	37.626	ng		99
26) 2-Nitrophenol	7.78	139	380978	51.001	ng		95
27) 2,4-Dimethylphenol	7.82	122	578793	38.988	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	777020	37.329	ng		99
29) 2,4-Dichlorophenol	8.02	162	537981	39.864	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	574405	37.624	ng		98
31) Naphthalene	8.19	128	1885644	36.458	ng		99
32) Benzoic acid	7.95	122	478622	46.307	ng		97
33) 4-Chloroaniline	8.24	127	853992	38.329	ng		99
34) Hexachlorobutadiene	8.30	225	295724	37.801	ng		98
35) Caprolactam	8.63	113	192934	41.166	ng	#	79
36) 4-Chloro-3-methylphenol	8.72	107	592579	39.081	ng		98
37) 2-Methylnaphthalene	8.88	142	1244423	36.750	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	503004	37.766	ng		99
40) Hexachlorocyclopentadiene	9.03	237	268122	42.347	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	364889	41.710	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	409095	41.490	ng		96
45) 1,1'-Biphenyl	9.34	154	1482997	35.994	ng		99
46) 2-Chloronaphthalene	9.37	162	1197630	36.923	ng		98
47) 2-Nitroaniline	9.47	65	449147	45.100	ng		95
48) Acenaphthylene	9.79	152	1827433	36.274	ng		99
49) Dimethylphthalate	9.65	163	1436821	37.671	ng		100
50) 2,6-Dinitrotoluene	9.71	165	321999	44.374	ng		96
51) Acenaphthene	9.96	154	1121781	37.234	ng		99
52) 3-Nitroaniline	9.88	138	404580	45.313	ng		97
53) 2,4-Dinitrophenol	9.98	184	133306	63.916	ng	#	18
54) Dibenzofuran	10.13	168	1522625	35.861	ng		97
55) 4-Nitrophenol	10.03	139	295745	42.303	ng		95
56) 2,4-Dinitrotoluene	10.11	165	426225	44.066	ng		97
57) Fluorene	10.47	166	1152785	37.317	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	285547	41.783	ng		99
59) Diethylphthalate	10.34	149	1387731	36.848	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	519539	38.018	ng		97
61) 4-Nitroaniline	10.50	138	390424	45.939	ng		92
62) Azobenzene	10.63	77	1343738	35.716	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	211185	56.777	ng		95
65) n-Nitrosodiphenylamine	10.59	169	1097570	36.976	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	338360	38.010	ng		91
67) Hexachlorobenzene	11.02	284	369135	37.588	ng		95
68) Atrazine	11.11	200	342485	39.110	ng		98
69) Pentachlorophenol	11.22	266	273032	47.362	ng		99
70) Phenanthrene	11.44	178	1648274	35.168	ng		99
71) Anthracene	11.49	178	1706822	35.806	ng		100
72) Carbazole	11.64	167	1702574	36.457	ng		99
73) Di-n-butylphthalate	11.97	149	2110228	37.198	ng		100
74) Fluoranthene	12.63	202	1677176	35.568	ng		99
76) Benzidine	12.74	184	910668	33.524	ng		98
77) Pyrene	12.86	202	1743002	37.607	ng		100
79) Butylbenzylphthalate	13.47	149	901425	40.817	ng		97
80) Benzo(a)anthracene	14.04	228	1417015	38.121	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	534805	38.804	ng		98
82) Chrysene	14.08	228	1358255	36.249	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1186900	41.804	ng		100
84) Di-n-octyl phthalate	14.63	149	1845647	43.294	ng		98
85) Indeno(1,2,3-cd)pyrene	17.03	276	1149530	36.989	ng		99
87) Benzo(b)fluoranthene	15.10	252	1307392	38.729	ng		98
88) Benzo(k)fluoranthene	15.13	252	1244838	38.593	ng		99
89) Benzo(a)pyrene	15.47	252	1167972	38.438	ng		99
90) Dibenzo(a,h)anthracene	17.05	278	949773	38.509	ng		100
91) Benzo(g,h,i)perylene	17.49	276	949433	39.330	ng		96

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

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