Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102293.D
Acq On : 22 Jan 2018 12:21
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
1/23/2018 12:46:30 PM

Quant Time: Jan 22 13:02:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 22 12:26:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135117	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	557271	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	249244	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	437032	20.00	ng		0.00
75) Chrysene-d12	13.87	240	329291	20.00	ng		0.00
86) Perylene-d12	15.29	264	280726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1001205	104.63	ng		0.00
7) Phenol-d6	6.36	99	1190977	104.32	ng		0.00
23) Nitrobenzene-d5	7.29	82	1106902	116.72	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	271461	124.80	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1842185	115.47	ng		0.00
78) Terphenyl-d14	12.83	244	1525997	96.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	246992	51.724	ng		97
3) Pyridine	3.08	79	663621	50.889	ng		96
4) n-Nitrosodimethylamine	3.06	42	260503	47.703	ng		97
6) Aniline	6.39	93	790692	49.145	ng	#	87
8) 2-Chlorophenol	6.50	128	527365	54.953	ng		98
9) Benzaldehyde	6.27	77	289661	36.542	ng		96
10) Phenol	6.38	94	649825	50.367	ng	#	69
11) bis(2-Chloroethyl)ether	6.46	93	509658	51.900	ng		98
12) 1,3-Dichlorobenzene	6.66	146	621780	56.205	ng		99
13) 1,4-Dichlorobenzene	6.73	146	624506	56.573	ng		99
14) 1,2-Dichlorobenzene	6.89	146	558388	54.651	ng		97
15) Benzyl Alcohol	6.87	79	409286	49.011	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	833138	46.024	ng		95
17) 2-Methylphenol	6.99	107	453616	52.398	ng	#	94
18) Hexachloroethane	7.23	117	218739	56.270	ng		100
19) n-Nitroso-di-n-propylamine	7.15	70	365046	48.793	ng		97
20) 3+4-Methylphenols	7.14	107	519157	49.945	ng	#	69
22) Acetophenone	7.14	105	717545	53.440	ng	#	91
24) Nitrobenzene	7.31	77	559415	54.897	ng		98
25) Isophorone	7.55	82	1002352	53.493	ng		99
26) 2-Nitrophenol	7.62	139	309447	72.554	ng		94
27) 2,4-Dimethylphenol	7.66	122	430462	54.041	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	610813	53.987	ng		99
29) 2,4-Dichlorophenol	7.86	162	431805	57.091	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	465459	58.835	ng		98
31) Naphthalene	8.03	128	1544434	55.464	ng		100
32) Benzoic acid	7.83	122	419655m	69.478	ng		
33) 4-Chloroaniline	8.08	127	647191	54.454	ng		98
34) Hexachlorobutadiene	8.13	225	248779	59.408	ng		98
35) Caprolactam	8.47	113	148475	57.182	ng		99
36) 4-Chloro-3-methylphenol	8.57	107	461059	55.689	ng		97
37) 2-Methylnaphthalene	8.72	142	1002717	54.698	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	418202	59.308	ng		100
40) Hexachlorocyclopentadiene	8.86	237	219836	57.007	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	288396	59.351	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	322474	58.717	ng		97
45) 1,1'-Biphenyl	9.18	154	1204843	54.690	ng		98
46) 2-Chloronaphthalene	9.20	162	957242	56.032	ng		99
47) 2-Nitroaniline	9.31	65	317168	61.979	ng		95
48) Acenaphthylene	9.62	152	1432045	52.820	ng		99
49) Dimethylphthalate	9.49	163	1170774	58.555	ng		100
50) 2,6-Dinitrotoluene	9.55	165	253512	63.474	ng		98
51) Acenaphthene	9.79	154	850937	51.711	ng		100
52) 3-Nitroaniline	9.72	138	299332	59.384	ng		97
53) 2,4-Dinitrophenol	9.83	184	117360	96.436	ng	#	22
54) Dibenzofuran	9.96	168	1179029	52.206	ng		98
55) 4-Nitrophenol	9.89	139	214327	57.056	ng		97
56) 2,4-Dinitrotoluene	9.96	165	299938	59.917	ng	#	93
57) Fluorene	10.30	166	934793	59.875	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	231688	59.257	ng		97
59) Diethylphthalate	10.18	149	1106281	55.622	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	406425	61.135	ng		96
61) 4-Nitroaniline	10.34	138	302477	63.231	ng		90
62) Azobenzene	10.46	77	1012432	51.163	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	182107	84.745	ng		97
65) n-Nitrosodiphenylamine	10.42	169	875386	53.491	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	260356	56.412	ng		92
67) Hexachlorobenzene	10.85	284	293603	58.272	ng	#	88
68) Atrazine	10.95	200	254880	53.892	ng		98
69) Pentachlorophenol	11.05	266	172181	56.042	ng		98
70) Phenanthrene	11.26	178	1365871	53.504	ng		99
71) Anthracene	11.32	178	1409145	54.427	ng		99
72) Carbazole	11.47	167	1365842	53.672	ng		99
73) Di-n-butylphthalate	11.80	149	1709988	54.770	ng		99
74) Fluoranthene	12.45	202	1399188	55.708	ng		99
76) Benzidine	12.57	184	537349	33.793	ng	#	93
77) Pyrene	12.68	202	1435051	49.302	ng		99
79) Butylbenzylphthalate	13.30	149	733495	54.910	ng		98
80) Benzo(a)anthracene	13.87	228	1102573	52.479	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	394930	50.767	ng		99
82) Chrysene	13.90	228	1134023	51.764	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	931437	60.784	ng	#	99
84) Di-n-octyl phthalate	14.47	149	1560277	61.359	ng		100
85) Indeno(1,2,3-cd)pyrene	16.69	276	888087	55.697	ng		98
87) Benzo(b)fluoranthene	14.89	252	1028252	56.176	ng		97
88) Benzo(k)fluoranthene	14.92	252	1003712	56.843	ng		99
89) Benzo(a)pyrene	15.24	252	935866	56.818	ng		97
90) Dibenzo(a,h)anthracene	16.70	278	715517	54.435	ng		98
91) Benzo(g,h,i)perylene	17.10	276	709232	53.564	ng		96

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

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