Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102799.D
Acq On : 6 Feb 2018 22:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/7/2018 4:18:00 PM

Quant Time: Feb 07 01:19:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	194236	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	760619	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	307251	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	417013	20.00	ng		0.00
75) Chrysene-d12	14.05	240	329011	20.00	ng		0.00
86) Perylene-d12	15.53	264	324892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	970661	75.89	ng		0.00
7) Phenol-d6	6.51	99	1122343	72.88	ng		0.00
23) Nitrobenzene-d5	7.45	82	964544	87.97	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	169557	68.56	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1538431	83.09	ng		0.00
78) Terphenyl-d14	12.99	244	937273	67.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	242499	38.387	ng		87
3) Pyridine	3.42	79	681914	39.071	ng		88
4) n-Nitrosodimethylamine	3.37	42	268199	35.915	ng		96
6) Aniline	6.55	93	819982	36.056	ng		95
8) 2-Chlorophenol	6.67	128	499438	37.930	ng		98
9) Benzaldehyde	6.43	77	400889	35.054	ng		98
10) Phenol	6.52	94	593960m	35.989	ng		
11) bis(2-Chloroethyl)ether	6.62	93	502065	36.559	ng		90
12) 1,3-Dichlorobenzene	6.83	146	572263	37.530	ng		98
13) 1,4-Dichlorobenzene	6.90	146	566983	37.328	ng		98
14) 1,2-Dichlorobenzene	7.06	146	525893	37.172	ng		98
15) Benzyl Alcohol	7.02	79	434492	36.697	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	905264	34.701	ng		97
17) 2-Methylphenol	7.13	107	442406	36.425	ng		97
18) Hexachloroethane	7.40	117	183254	35.183	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	342456	33.728	ng		94
20) 3+4-Methylphenols	7.29	107	525071	35.057	ng	#	83
22) Acetophenone	7.29	105	693261	37.246	ng	#	94
24) Nitrobenzene	7.47	77	531631	41.214	ng		97
25) Isophorone	7.70	82	913089	36.165	ng		100
26) 2-Nitrophenol	7.78	139	203080	40.073	ng		98
27) 2,4-Dimethylphenol	7.82	122	386075	36.195	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	563951	37.706	ng		99
29) 2,4-Dichlorophenol	8.02	162	371388	38.301	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	421522	38.426	ng		99
31) Naphthalene	8.19	128	1380525	37.149	ng		99
32) Benzoic acid	7.89	122	178323m	29.492	ng		
33) 4-Chloroaniline	8.23	127	594637	37.143	ng		96
34) Hexachlorobutadiene	8.30	225	218882	38.939	ng		98
35) Caprolactam	8.60	113	110622	32.850	ng	#	79
36) 4-Chloro-3-methylphenol	8.71	107	382368	35.096	ng		100
37) 2-Methylnaphthalene	8.88	142	889850	36.573	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	355601	42.506	ng		99
40) Hexachlorocyclopentadiene	9.03	237	40450	10.171	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	219069	39.867	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	232659	37.566	ng		98
45) 1,1'-Biphenyl	9.35	154	1032899	39.913	ng		98
46) 2-Chloronaphthalene	9.37	162	811406	39.826	ng		99
47) 2-Nitroaniline	9.46	65	277420	44.407	ng		93
48) Acenaphthylene	9.79	152	1179398	37.271	ng		99
49) Dimethylphthalate	9.64	163	955733	39.894	ng		100
50) 2,6-Dinitrotoluene	9.70	165	188021	41.252	ng		96
51) Acenaphthene	9.96	154	692854	36.613	ng		99
52) 3-Nitroaniline	9.87	138	244420	43.583	ng		94
53) 2,4-Dinitrophenol	9.97	184	2792	11.315	ng	#	1
54) Dibenzofuran	10.13	168	993853	37.266	ng		98
55) 4-Nitrophenol	10.02	139	116119	27.952	ng		95
56) 2,4-Dinitrotoluene	10.10	165	214656	35.941	ng		97
57) Fluorene	10.47	166	714036	36.799	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	140795	32.800	ng		99
59) Diethylphthalate	10.34	149	893609	37.776	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	338484	39.434	ng		95
61) 4-Nitroaniline	10.49	138	212244	39.760	ng		89
62) Azobenzene	10.62	77	804436	34.040	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	8284	13.152	ng		94
65) n-Nitrosodiphenylamine	10.58	169	662912	45.068	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	194623	44.120	ng		94
67) Hexachlorobenzene	11.02	284	201129	41.330	ng		96
68) Atrazine	11.10	200	173911	40.077	ng		98
69) Pentachlorophenol	11.21	266	103554	36.250	ng		99
70) Phenanthrene	11.43	178	892963	38.449	ng		98
71) Anthracene	11.49	178	904714	38.300	ng		99
72) Carbazole	11.64	167	849677	36.716	ng		100
73) Di-n-butylphthalate	11.96	149	1178281	41.915	ng		100
74) Fluoranthene	12.62	202	831248	35.574	ng		99
76) Benzidine	12.74	184	390069	25.796	ng		99
77) Pyrene	12.85	202	867406	33.621	ng		99
79) Butylbenzylphthalate	13.46	149	446721	36.450	ng		99
80) Benzo(a)anthracene	14.04	228	804119	38.862	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	310707	40.499	ng		99
82) Chrysene	14.07	228	797533	38.236	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	644849	40.801	ng		100
84) Di-n-octyl phthalate	14.63	149	1112088	46.862	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	653084	37.752	ng		98
87) Benzo(b)fluoranthene	15.09	252	797948	37.882	ng		97
88) Benzo(k)fluoranthene	15.12	252	805136	40.004	ng		99
89) Benzo(a)pyrene	15.46	252	715500	37.737	ng	#	96
90) Dibenzo(a,h)anthracene	17.04	278	560810	36.441	ng		99
91) Benzo(g,h,i)perylene	17.47	276	526332	34.942	ng		96

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

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