Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099101.D
Acq On : 5 Oct 2017 14:13
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/6/2017 5:34:50 PM

Quant Time: Oct 05 17:30:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172018	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	708957	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	317508	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	559632	20.00	ng		0.00
75) Chrysene-d12	14.04	240	437278	20.00	ng		0.00
86) Perylene-d12	15.51	264	378032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	851877	78.83	ng		0.00
7) Phenol-d6	6.50	99	1064336	79.84	ng		0.00
23) Nitrobenzene-d5	7.44	82	888369	80.36	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	212236	81.69	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1439591	75.69	ng		0.00
78) Terphenyl-d14	12.98	244	1415834	73.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	201250	38.988	ng		96
3) Pyridine	3.41	79	532888	38.162	ng		96
4) n-Nitrosodimethylamine	3.38	42	222123	37.512	ng		88
6) Aniline	6.54	93	710412	39.487	ng		98
8) 2-Chlorophenol	6.66	128	476717	38.957	ng		94
9) Benzaldehyde	6.42	77	271886	35.162	ng		95
10) Phenol	6.52	94	617861	41.444	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	448089	38.662	ng		97
12) 1,3-Dichlorobenzene	6.81	146	501402	39.124	ng		98
13) 1,4-Dichlorobenzene	6.89	146	506552	38.849	ng		98
14) 1,2-Dichlorobenzene	7.04	146	467065	38.766	ng		98
15) Benzyl Alcohol	7.01	79	357027	36.509	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	655004	36.274	ng		98
17) 2-Methylphenol	7.12	107	395768	39.526	ng		98
18) Hexachloroethane	7.38	117	177216	37.812	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	305375	35.881	ng		95
20) 3+4-Methylphenols	7.27	107	464646	36.682	ng	#	87
22) Acetophenone	7.29	105	623849	36.319	ng	#	93
24) Nitrobenzene	7.46	77	488820	38.979	ng		96
25) Isophorone	7.69	82	888928	38.892	ng		100
26) 2-Nitrophenol	7.77	139	273543	45.361	ng		92
27) 2,4-Dimethylphenol	7.80	122	441791	38.793	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	551186	38.697	ng		99
29) 2,4-Dichlorophenol	8.01	162	397150	40.617	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	389815	39.861	ng		98
31) Naphthalene	8.17	128	1291825	38.797	ng		99
32) Benzoic acid	7.95	122	323165m	34.545	ng		
33) 4-Chloroaniline	8.22	127	550080	39.560	ng		97
34) Hexachlorobutadiene	8.29	225	193742	38.463	ng		100
35) Caprolactam	8.62	113	141109m	44.990	ng		
36) 4-Chloro-3-methylphenol	8.70	107	431877	39.296	ng		96
37) 2-Methylnaphthalene	8.86	142	831445	38.411	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	375753	39.683	ng		99
40) Hexachlorocyclopentadiene	9.02	237	178144	41.167	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	260358	38.812	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	267255	39.910	ng		98
45) 1,1'-Biphenyl	9.33	154	1059534	38.828	ng		100
46) 2-Chloronaphthalene	9.36	162	805441	39.312	ng		97
47) 2-Nitroaniline	9.45	65	257815	41.096	ng		97
48) Acenaphthylene	9.77	152	1233420	39.326	ng		99
49) Dimethylphthalate	9.63	163	960350	40.075	ng		99
50) 2,6-Dinitrotoluene	9.70	165	222155	42.582	ng	#	82
51) Acenaphthene	9.95	154	724875	36.485	ng		99
52) 3-Nitroaniline	9.87	138	267215	43.927	ng		90
53) 2,4-Dinitrophenol	9.97	184	99490	39.788	ng	#	85
54) Dibenzofuran	10.12	168	1020576	38.581	ng		100
55) 4-Nitrophenol	10.02	139	202344	39.338	ng		90
56) 2,4-Dinitrotoluene	10.10	165	291767	43.092	ng		95
57) Fluorene	10.46	166	827558	38.922	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	182895	39.538	ng		99
59) Diethylphthalate	10.33	149	898807	38.384	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	361872	37.889	ng		96
61) 4-Nitroaniline	10.49	138	271307	46.229	ng		90
62) Azobenzene	10.60	77	810237	37.632	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	158234	46.472	ng		88
65) n-Nitrosodiphenylamine	10.57	169	761153	39.260	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	215481	39.337	ng		99
67) Hexachlorobenzene	11.00	284	232584	39.754	ng		96
68) Atrazine	11.09	200	234555	40.211	ng		100
69) Pentachlorophenol	11.20	266	124726	34.254	ng		100
70) Phenanthrene	11.42	178	1178721	39.349	ng		99
71) Anthracene	11.47	178	1212859	39.571	ng		98
72) Carbazole	11.63	167	1207262	40.222	ng		99
73) Di-n-butylphthalate	11.95	149	1411641	39.073	ng		100
74) Fluoranthene	12.61	202	1214564	40.041	ng		98
76) Benzidine	12.73	184	632413	39.102	ng		98
77) Pyrene	12.84	202	1264803	37.932	ng		100
79) Butylbenzylphthalate	13.44	149	616226	39.323	ng		97
80) Benzo(a)anthracene	14.02	228	1052513	39.750	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	386544	39.823	ng		97
82) Chrysene	14.06	228	982223	38.964	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	825659	38.264	ng	#	99
84) Di-n-octyl phthalate	14.61	149	1402585	40.368	ng		97
85) Indeno(1,2,3-cd)pyrene	17.00	276	824366	40.880	ng		96
87) Benzo(b)fluoranthene	15.08	252	945162	40.664	ng		98
88) Benzo(k)fluoranthene	15.11	252	866396	37.740	ng		99
89) Benzo(a)pyrene	15.45	252	845482	39.628	ng		97
90) Dibenzo(a,h)anthracene	17.01	278	665639	38.984	ng		96
91) Benzo(g,h,i)perylene	17.45	276	682799	40.455	ng		95

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

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