Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102818.D
Acq On : 7 Feb 2018 17:05
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/8/2018 1:41:15 PM

Quant Time: Feb 08 02:39:20 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	6.88	152	175165	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	737473	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	333482	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	585851	20.00	ng		0.00
75) Chrysene-d12	14.05	240	437364	20.00	ng		0.00
86) Perylene-d12	15.53	264	377687	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	879884	76.29	ng		0.00
7) Phenol-d6	6.50	99	1049992	75.60	ng		0.00
23) Nitrobenzene-d5	7.45	82	938882	88.32	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	242009	90.16	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1569197	78.08	ng		0.00
78) Terphenyl-d14	12.99	244	1356701	73.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	221715	38.918	ng		88
3) Pyridine	3.42	79	621724	39.500	ng		90
4) n-Nitrosodimethylamine	3.37	42	243102	36.099	ng		97
6) Aniline	6.55	93	775140	37.795	ng		96
8) 2-Chlorophenol	6.67	128	463534	39.036	ng		99
9) Benzaldehyde	6.43	77	369719	35.848	ng		98
10) Phenol	6.52	94	564190m	37.907	ng		
11) bis(2-Chloroethyl)ether	6.62	93	464229	37.484	ng		92
12) 1,3-Dichlorobenzene	6.82	146	524592	38.150	ng		99
13) 1,4-Dichlorobenzene	6.90	146	518677	37.866	ng		99
14) 1,2-Dichlorobenzene	7.05	146	483756	37.917	ng		99
15) Benzyl Alcohol	7.02	79	413189	38.698	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	840859	35.741	ng		97
17) 2-Methylphenol	7.13	107	416075	37.987	ng		99
18) Hexachloroethane	7.39	117	186292	39.661	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	333864	36.462	ng		94
20) 3+4-Methylphenols	7.28	107	507087	37.542	ng		94
22) Acetophenone	7.29	105	655501	36.323	ng	#	96
24) Nitrobenzene	7.46	77	520249	41.598	ng		98
25) Isophorone	7.70	82	897466	36.662	ng		99
26) 2-Nitrophenol	7.78	139	259180	50.007	ng		98
27) 2,4-Dimethylphenol	7.81	122	375086	36.268	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	542144	37.386	ng		99
29) 2,4-Dichlorophenol	8.02	162	374330	39.816	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	398992	37.514	ng		99
31) Naphthalene	8.19	128	1345276	37.336	ng		99
32) Benzoic acid	7.92	122	240688	36.843	ng		99
33) 4-Chloroaniline	8.23	127	591424	38.102	ng		98
34) Hexachlorobutadiene	8.30	225	206421	37.875	ng		99
35) Caprolactam	8.61	113	129019	39.515	ng	#	80
36) 4-Chloro-3-methylphenol	8.71	107	413181	39.114	ng		98
37) 2-Methylnaphthalene	8.88	142	879274	37.273	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	350175	38.565	ng		98
40) Hexachlorocyclopentadiene	9.03	237	179443	41.571	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	247458	41.491	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	285536	42.477	ng		97
45) 1,1'-Biphenyl	9.35	154	1062071	37.812	ng		99
46) 2-Chloronaphthalene	9.37	162	846150	38.265	ng		99
47) 2-Nitroaniline	9.46	65	307338	45.255	ng		93
48) Acenaphthylene	9.79	152	1305105	38.000	ng		99
49) Dimethylphthalate	9.64	163	1000935	38.494	ng		99
50) 2,6-Dinitrotoluene	9.70	165	220624	44.598	ng		94
51) Acenaphthene	9.96	154	793997	38.657	ng		99
52) 3-Nitroaniline	9.87	138	273634	44.954	ng		98
53) 2,4-Dinitrophenol	9.97	184	68768	54.160	ng	#	20
54) Dibenzofuran	10.13	168	1098718	37.958	ng		98
55) 4-Nitrophenol	10.02	139	196373	41.307	ng		91
56) 2,4-Dinitrotoluene	10.10	165	294408	44.607	ng		96
57) Fluorene	10.47	166	836659	39.727	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	200658	43.069	ng		100
59) Diethylphthalate	10.34	149	980476	38.188	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	367884	39.488	ng		97
61) 4-Nitroaniline	10.49	138	265496	45.823	ng		95
62) Azobenzene	10.62	77	954029	37.195	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	131864	52.394	ng		91
65) n-Nitrosodiphenylamine	10.58	169	777900	37.644	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	237638	38.346	ng		95
67) Hexachlorobenzene	11.02	284	260556	38.111	ng		98
68) Atrazine	11.10	200	239627	39.307	ng		98
69) Pentachlorophenol	11.21	266	159812	39.821	ng		98
70) Phenanthrene	11.43	178	1213141	37.181	ng		99
71) Anthracene	11.49	178	1245825	37.541	ng		100
72) Carbazole	11.64	167	1218837	37.489	ng		99
73) Di-n-butylphthalate	11.96	149	1538368	38.953	ng		100
74) Fluoranthene	12.62	202	1254144	38.204	ng		98
76) Benzidine	12.74	184	639383	31.808	ng		99
77) Pyrene	12.85	202	1291679	37.662	ng		100
79) Butylbenzylphthalate	13.46	149	664524	40.667	ng		99
80) Benzo(a)anthracene	14.04	228	1066457	38.772	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	408033	40.009	ng		99
82) Chrysene	14.08	228	1036217	37.371	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	889292	42.328	ng		99
84) Di-n-octyl phthalate	14.63	149	1310662	41.547	ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	812684	35.339	ng		99
87) Benzo(b)fluoranthene	15.09	252	924555	37.757	ng		96
88) Benzo(k)fluoranthene	15.12	252	956100	40.864	ng		99
89) Benzo(a)pyrene	15.46	252	855441	38.811	ng	#	96
90) Dibenzo(a,h)anthracene	17.04	278	679807	37.999	ng		98
91) Benzo(g,h,i)perylene	17.47	276	679140	38.784	ng		98

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

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