Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096550.D
Acq On : 7 Jul 2017 11:06
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/10/2017 2:22:02 PM

Quant Time: Jul 07 13:00:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	126948	20.00	ng		-0.02
21) Naphthalene-d8	7.99	136	595768	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	258691	20.00	ng		-0.02
63) Phenanthrene-d10	11.21	188	428341	20.00	ng		-0.02
75) Chrysene-d12	13.84	240	310280	20.00	ng		-0.02
86) Perylene-d12	15.24	264	303133	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	641207	74.55	ng		-0.01
7) Phenol-d6	6.35	99	793520	75.05	ng		-0.01
23) Nitrobenzene-d5	7.27	82	695231	70.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	170597	84.42	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	1237484	81.79	ng		-0.02
78) Terphenyl-d14	12.80	244	1031828	71.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	166182	40.747	ng	#	77
3) Pyridine	3.05	79	393147	35.134	ng	#	61
4) n-Nitrosodimethylamine	3.00	42	213329	38.624	ng	#	80
6) Aniline	6.36	93	500181	36.600	ng	#	85
8) 2-Chlorophenol	6.49	128	359005	39.141	ng		95
9) Benzaldehyde	6.25	77	227132	34.323	ng		95
10) Phenol	6.36	94	438676	36.416	ng		75
11) bis(2-Chloroethyl)ether	6.44	93	345939	37.161	ng		93
12) 1,3-Dichlorobenzene	6.64	146	381152	39.633	ng		99
13) 1,4-Dichlorobenzene	6.72	146	390446	40.619	ng		95
14) 1,2-Dichlorobenzene	6.87	146	357927	40.555	ng		97
15) Benzyl Alcohol	6.85	79	273208	38.653	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	720547	38.073	ng		92
17) 2-Methylphenol	6.96	107	287513	39.334	ng		96
18) Hexachloroethane	7.22	117	140661	40.363	ng	#	85
19) n-Nitroso-di-n-propylamine	7.13	70	238691	37.892	ng	#	86
20) 3+4-Methylphenols	7.12	107	332842	40.825	ng		93
22) Acetophenone	7.12	105	459750	35.317	ng	#	93
24) Nitrobenzene	7.29	77	361117	34.720	ng	#	88
25) Isophorone	7.53	82	651610	33.897	ng		97
26) 2-Nitrophenol	7.60	139	204679	37.180	ng	#	87
27) 2,4-Dimethylphenol	7.65	122	334424	35.677	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	441765	34.813	ng		98
29) 2,4-Dichlorophenol	7.85	162	320776	39.663	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	307310	40.282	ng		98
31) Naphthalene	8.00	128	1109543	39.449	ng		100
32) Benzoic acid	7.79	122	272082m	34.561	ng		
33) 4-Chloroaniline	8.05	127	456466	39.073	ng		98
34) Hexachlorobutadiene	8.13	225	158019	40.384	ng		97
35) Caprolactam	8.43	113	103062	36.955	ng	#	59
36) 4-Chloro-3-methylphenol	8.55	107	321944	35.976	ng		89
37) 2-Methylnaphthalene	8.70	142	698824	39.033	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	272944	40.635	ng		100
40) Hexachlorocyclopentadiene	8.86	237	123882	37.931	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	196171	36.918	ng		97
43) 2,4,5-Trichlorophenol	9.02	196	208467	39.679	ng		99
45) 1,1'-Biphenyl	9.16	154	869657	39.235	ng		98
46) 2-Chloronaphthalene	9.19	162	635630	38.480	ng		94
47) 2-Nitroaniline	9.27	65	207547	34.531	ng		96
48) Acenaphthylene	9.60	152	952195	36.379	ng		100
49) Dimethylphthalate	9.47	163	701028	36.301	ng		99
50) 2,6-Dinitrotoluene	9.52	165	158023	37.004	ng	#	82
51) Acenaphthene	9.77	154	589968	36.567	ng		98
52) 3-Nitroaniline	9.69	138	206409	38.752	ng		97
53) 2,4-Dinitrophenol	9.80	184	87131	38.414	ng	#	69
54) Dibenzofuran	9.94	168	784461	36.827	ng		99
55) 4-Nitrophenol	9.85	139	164662	37.298	ng	#	63
56) 2,4-Dinitrotoluene	9.93	165	205082	37.922	ng	#	88
57) Fluorene	10.28	166	610889	40.607	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	144714	39.812	ng		99
59) Diethylphthalate	10.16	149	661605	36.246	ng		100
60) 4-Chlorophenyl-phenylether	10.27	204	256886	39.246	ng		99
61) 4-Nitroaniline	10.30	138	188455	38.912	ng		91
62) Azobenzene	10.43	77	677402	38.380	ng		92
64) 4,6-Dinitro-2-methylphenol	10.34	198	118487	40.109	ng	#	74
65) n-Nitrosodiphenylamine	10.40	169	574646	38.236	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	159036	38.141	ng		100
67) Hexachlorobenzene	10.83	284	173258	37.958	ng	#	89
68) Atrazine	10.92	200	161411	37.593	ng		93
69) Pentachlorophenol	11.02	266	101387	37.478	ng		99
70) Phenanthrene	11.24	178	895204	38.661	ng		99
71) Anthracene	11.29	178	904874	38.349	ng		99
72) Carbazole	11.45	167	866885	36.531	ng		98
73) Di-n-butylphthalate	11.78	149	1019083	35.456	ng		99
74) Fluoranthene	12.42	202	838964	36.955	ng		98
76) Benzidine	12.54	184	506173	33.998	ng		95
77) Pyrene	12.65	202	870694	34.960	ng		99
79) Butylbenzylphthalate	13.27	149	462846	36.712	ng	#	83
80) Benzo(a)anthracene	13.83	228	693135	38.576	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	305162	41.351	ng	#	97
82) Chrysene	13.87	228	742999	39.488	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	543242	38.602	ng		100
84) Di-n-octyl phthalate	14.44	149	1095120	39.516	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.60	276	625832	42.137	ng		97
87) Benzo(b)fluoranthene	14.85	252	685301	36.079	ng		99
88) Benzo(k)fluoranthene	14.88	252	689989	40.610	ng		96
89) Benzo(a)pyrene	15.19	252	648636	38.250	ng		100
90) Dibenzo(a,h)anthracene	16.62	278	504545	37.820	ng	#	95
91) Benzo(g,h,i)perylene	17.00	276	524156	37.916	ng		99

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

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