Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100244.D
Acq On : 6 Nov 2017 11:39
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/7/2017 5:39:36 PM

Quant Time: Nov 06 13:29:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	86764	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	367965	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	168746	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	315130	20.00	ng		0.00
75) Chrysene-d12	13.95	240	251217	20.00	ng		0.00
86) Perylene-d12	15.40	264	252201	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	500878	90.63	ng		-0.01
7) Phenol-d6	6.42	99	575759	87.86	ng		-0.01
23) Nitrobenzene-d5	7.34	82	472204	82.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	134530	87.48	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	926264	84.69	ng		-0.01
78) Terphenyl-d14	12.87	244	901468	78.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	101354	41.530	ng	#	89
3) Pyridine	3.19	79	247030m	42.092	ng		
4) n-Nitrosodimethylamine	3.16	42	85878	40.960	ng	#	68
6) Aniline	6.43	93	373378	43.945	ng	#	86
8) 2-Chlorophenol	6.55	128	265115	45.011	ng		93
9) Benzaldehyde	6.33	77	148251	37.860	ng		87
10) Phenol	6.43	94	306739	42.634	ng	#	63
11) bis(2-Chloroethyl)ether	6.50	93	240893	43.358	ng		94
12) 1,3-Dichlorobenzene	6.70	146	287693m	43.501	ng		
13) 1,4-Dichlorobenzene	6.77	146	295943	44.091	ng		97
14) 1,2-Dichlorobenzene	6.93	146	262632	42.932	ng		97
15) Benzyl Alcohol	6.92	79	193157	46.350	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.03	45	253112	41.012	ng		52
17) 2-Methylphenol	7.03	107	222001	45.059	ng	#	94
18) Hexachloroethane	7.26	117	92303	41.219	ng		96
19) n-Nitroso-di-n-propylamine	7.18	70	170458	44.389	ng		89
20) 3+4-Methylphenols	7.19	107	285500	49.767	ng	#	88
22) Acetophenone	7.18	105	363033	43.331	ng	#	91
24) Nitrobenzene	7.36	77	242657	42.136	ng	#	88
25) Isophorone	7.59	82	434459	41.891	ng		95
26) 2-Nitrophenol	7.67	139	142554	43.219	ng		88
27) 2,4-Dimethylphenol	7.71	122	216370	44.521	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	303355	41.765	ng		99
29) 2,4-Dichlorophenol	7.92	162	228304	45.222	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	225005	41.712	ng		97
31) Naphthalene	8.06	128	756057	42.566	ng		99
32) Benzoic acid	7.90	122	199374m	46.607	ng		
33) 4-Chloroaniline	8.13	127	330919	45.118	ng	#	94
34) Hexachlorobutadiene	8.17	225	113998	41.086	ng		98
35) Caprolactam	8.52	113	71920m	45.300	ng		
36) 4-Chloro-3-methylphenol	8.62	107	226138	43.885	ng		95
37) 2-Methylnaphthalene	8.76	142	505937	42.505	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	238486	43.758	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	41691	46.146	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	138919	42.139	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	137482	39.299	ng	#	92
45) 1,1'-Biphenyl	9.22	154	653936	42.837	ng		99
46) 2-Chloronaphthalene	9.25	162	479051	43.211	ng		95
47) 2-Nitroaniline	9.36	65	129241	44.417	ng		84
48) Acenaphthylene	9.66	152	740718	43.380	ng		100
49) Dimethylphthalate	9.53	163	539409	40.365	ng		100
50) 2,6-Dinitrotoluene	9.60	165	125729	44.755	ng	#	82
51) Acenaphthene	9.83	154	451547	43.279	ng		99
52) 3-Nitroaniline	9.78	138	152066	45.939	ng		89
53) 2,4-Dinitrophenol	9.92	184	51856m	49.146	ng		
54) Dibenzofuran	10.00	168	653510	44.374	ng		100
55) 4-Nitrophenol	9.99	139	56772m	32.825	ng		
56) 2,4-Dinitrotoluene	10.02	165	170215	50.312	ng	#	75
57) Fluorene	10.35	166	531986	43.627	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	109045	44.457	ng	#	90
59) Diethylphthalate	10.22	149	531543	40.732	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	248409	43.286	ng		93
61) 4-Nitroaniline	10.40	138	148571	47.044	ng		83
62) Azobenzene	10.50	77	453686	41.473	ng		88
64) 4,6-Dinitro-2-methylphenol	10.44	198	88217	44.533	ng	#	65
65) n-Nitrosodiphenylamine	10.46	169	488766	42.016	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	138751	41.823	ng		95
67) Hexachlorobenzene	10.90	284	139754	41.176	ng		97
68) Atrazine	10.99	200	142677	40.831	ng		97
69) Pentachlorophenol	11.12	266	48778m	33.634	ng		
70) Phenanthrene	11.32	178	741472	41.692	ng		99
71) Anthracene	11.37	178	767656	42.525	ng		98
72) Carbazole	11.53	167	740367	43.613	ng		98
73) Di-n-butylphthalate	11.84	149	833686	38.503	ng	#	98
74) Fluoranthene	12.51	202	781115	42.264	ng		98
76) Benzidine	12.63	184	422548	38.440	ng		98
77) Pyrene	12.74	202	792269	41.475	ng		100
79) Butylbenzylphthalate	13.34	149	359869	38.257	ng		87
80) Benzo(a)anthracene	13.93	228	654266	41.083	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	239551	41.439	ng		99
82) Chrysene	13.97	228	634517	42.380	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	430478	32.588	ng		100
84) Di-n-octyl phthalate	14.50	149	809000	35.682	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.87	276	574361	41.788	ng		97
87) Benzo(b)fluoranthene	14.98	252	655063m	41.133	ng		
88) Benzo(k)fluoranthene	15.01	252	609680	40.599	ng		99
89) Benzo(a)pyrene	15.34	252	594744	41.575	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	492212	38.722	ng		98
91) Benzo(g,h,i)perylene	17.32	276	470520	37.835	ng		98

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

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