Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090131.D
Acq On : 20 Sep 2016 11:38
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
9/21/2016 4:17:21 PM

Quant Time: Sep 20 13:42:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 13:15:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	156744	20.00	ng		0.00
21) Naphthalene-d8	7.80	136	639441	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	347081	20.00	ng		0.00
63) Phenanthrene-d10	11.02	188	539843	20.00	ng		-0.01
75) Chrysene-d12	13.63	240	411429	20.00	ng		0.00
86) Perylene-d12	14.96	264	349516	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	564965	57.97	ng		0.00
7) Phenol-d6	6.17	99	688006	53.92	ng		0.00
23) Nitrobenzene-d5	7.10	82	653725	57.48	ng		0.00
41) 2,4,6-Tribromophenol	10.34	330	178372	51.16	ng		0.00
44) 2-Fluorobiphenyl	8.89	172	1017956	46.06	ng		0.00
78) Terphenyl-d14	12.61	244	910370	52.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	151816	29.83	ng		94
3) Pyridine	2.52	79	319391	27.53	ng		99
4) n-Nitrosodimethylamine	2.47	42	99799	27.70	ng		90
6) Aniline	6.18	93	446968	28.22	ng		97
8) 2-Chlorophenol	6.30	128	321901	28.67	ng		98
9) Benzaldehyde	6.06	77	148931	21.90	ng		97
10) Phenol	6.18	94	387790	27.08	ng		97
11) bis(2-Chloroethyl)ether	6.26	93	307919	26.81	ng		100
12) 1,3-Dichlorobenzene	6.46	146	341357	29.55	ng		100
13) 1,4-Dichlorobenzene	6.54	146	347151	29.11	ng		99
14) 1,2-Dichlorobenzene	6.70	146	304566	28.11	ng		99
15) Benzyl Alcohol	6.67	79	213090	29.66	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.82	45	389987	28.65	ng		96
17) 2-Methylphenol	6.80	107	248287	27.03	ng		98
18) Hexachloroethane	7.03	117	118526	27.39	ng		95
19) n-Nitroso-di-n-propylamine	6.95	70	211032	26.62	ng		92
20) 3+4-Methylphenols	6.96	107	326138	29.25	ng		96
22) Acetophenone	6.95	105	438446	28.33	ng	#	97
24) Nitrobenzene	7.11	77	306902	25.62	ng		99
25) Isophorone	7.36	82	644820	27.08	ng		99
26) 2-Nitrophenol	7.43	139	161467	27.80	ng		96
27) 2,4-Dimethylphenol	7.48	122	271048	26.52	ng		98
28) bis(2-Chloroethoxy)methane	7.58	93	375036	26.85	ng		99
29) 2,4-Dichlorophenol	7.68	162	261041	28.92	ng		96
30) 1,2,4-Trichlorobenzene	7.76	180	258021	28.97	ng		96
31) Naphthalene	7.83	128	878129	27.94	ng		100
32) Benzoic acid	7.62	122	201167	27.39	ng		94
33) 4-Chloroaniline	7.90	127	359451	26.87	ng	#	91
34) Hexachlorobutadiene	7.96	225	131529	28.84	ng		98
35) Caprolactam	8.26	113	82183	27.26	ng		97
36) 4-Chloro-3-methylphenol	8.39	107	295716	28.21	ng		88
37) 2-Methylnaphthalene	8.52	142	574335	29.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	220204	24.67	ng		98
40) Hexachlorocyclopentadiene	8.68	237	111412	24.02	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	168232	26.01	ng		98
43) 2,4,5-Trichlorophenol	8.84	196	169257	24.33	ng	#	89
45) 1,1'-Biphenyl	8.99	154	719386	25.33	ng		94
46) 2-Chloronaphthalene	9.00	162	519395	24.68	ng		99
47) 2-Nitroaniline	9.11	65	165036	24.57	ng		89
48) Acenaphthylene	9.42	152	928304	26.27	ng		99
49) Dimethylphthalate	9.30	163	663142	25.72	ng		100
50) 2,6-Dinitrotoluene	9.36	165	141306	24.53	ng	#	58
51) Acenaphthene	9.59	154	516807	26.18	ng		99
52) 3-Nitroaniline	9.52	138	171755	24.50	ng		100
53) 2,4-Dinitrophenol	9.62	184	67923	21.69	ng	#	80
54) Dibenzofuran	9.76	168	719805	26.37	ng		98
55) 4-Nitrophenol	9.69	139	111470	22.60	ng	#	77
56) 2,4-Dinitrotoluene	9.75	165	163052	23.22	ng		98
57) Fluorene	10.10	166	562616	26.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	131511	24.78	ng		96
59) Diethylphthalate	10.00	149	615208	24.65	ng		95
60) 4-Chlorophenyl-phenylether	10.10	204	240310	26.61	ng	#	83
61) 4-Nitroaniline	10.12	138	165814	23.37	ng		90
62) Azobenzene	10.25	77	608013	23.21	ng		96
64) 4,6-Dinitro-2-methylphenol	10.16	198	100327	30.37	ng		95
65) n-Nitrosodiphenylamine	10.22	169	495890	28.99	ng		98
66) 4-Bromophenyl-phenylether	10.58	248	155993	29.98	ng	#	89
67) Hexachlorobenzene	10.64	284	174485	28.45	ng	#	93
68) Atrazine	10.75	200	151021	29.71	ng		99
69) Pentachlorophenol	10.83	266	104546	29.10	ng		98
70) Phenanthrene	11.05	178	792376	30.37	ng		99
71) Anthracene	11.10	178	799471	28.07	ng		99
72) Carbazole	11.26	167	828662	28.36	ng		99
73) Di-n-butylphthalate	11.61	149	1040178	31.74	ng	#	98
74) Fluoranthene	12.22	202	758611	27.75	ng		97
76) Benzidine	12.35	184	394050	23.48	ng		98
77) Pyrene	12.45	202	848715	28.27	ng		100
79) Butylbenzylphthalate	13.09	149	357965	23.94	ng	#	83
80) Benzo(a)anthracene	13.62	228	625890	26.06	ng		100
81) 3,3'-Dichlorobenzidine	13.60	252	261553	25.98	ng		99
82) Chrysene	13.66	228	541905	24.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	483213	26.13	ng	#	98
84) Di-n-octyl phthalate	14.26	149	865795	26.19	ng		99
85) Indeno(1,2,3-cd)pyrene	16.13	276	468731	23.95	ng		98
87) Benzo(b)fluoranthene	14.62	252	647683m	31.61	ng		
88) Benzo(k)fluoranthene	14.64	252	489563m	26.54	ng		
89) Benzo(a)pyrene	14.90	252	520095	28.31	ng	#	94
90) Dibenzo(a,h)anthracene	16.14	278	390687	27.15	ng		97
91) Benzo(g,h,i)perylene	16.47	276	369180	26.88	ng		97

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

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