Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090335.D
Acq On : 4 Oct 2016 11:06
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
10/5/2016 7:26:14 PM

Quant Time: Oct 04 13:06:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 12:47:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	291158	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1179684	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	610518	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	870557	20.00	ng		0.00
75) Chrysene-d12	14.19	240	723523	20.00	ng		0.00
86) Perylene-d12	15.70	264	593935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	381539	21.36	ng		-0.01
7) Phenol-d6	6.62	99	515520	23.37	ng		-0.01
23) Nitrobenzene-d5	7.56	82	407668	20.03	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	100872	19.26	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	769609	24.75	ng		-0.01
78) Terphenyl-d14	13.13	244	602851	21.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	90220	9.31	ng	#	86
3) Pyridine	3.48	79	242123	11.52	ng	#	80
4) n-Nitrosodimethylamine	3.40	42	81388	12.98	ng	#	52
6) Aniline	6.66	93	338387	12.31	ng		97
8) 2-Chlorophenol	6.79	128	223976	10.90	ng		94
9) Benzaldehyde	6.55	77	108818	11.32	ng		92
10) Phenol	6.63	94	297009	11.39	ng		91
11) bis(2-Chloroethyl)ether	6.73	93	197884	9.73	ng		91
12) 1,3-Dichlorobenzene	6.95	146	228702m	10.65	ng		
13) 1,4-Dichlorobenzene	7.03	146	237800	10.85	ng		96
14) 1,2-Dichlorobenzene	7.18	146	205642	10.53	ng		97
15) Benzyl Alcohol	7.14	79	172086	13.08	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.28	45	325768	13.41	ng		96
17) 2-Methylphenol	7.24	107	160436	9.91	ng		99
18) Hexachloroethane	7.53	117	79638	10.18	ng	#	90
19) n-Nitroso-di-n-propylamine	7.42	70	152357	11.76	ng	#	77
20) 3+4-Methylphenols	7.40	107	220211	11.33	ng	#	87
22) Acetophenone	7.42	105	280116	9.85	ng	#	83
24) Nitrobenzene	7.59	77	216650	10.22	ng		91
25) Isophorone	7.83	82	408480	9.61	ng		96
26) 2-Nitrophenol	7.91	139	67009	6.42	ng		92
27) 2,4-Dimethylphenol	7.94	122	188685	10.17	ng		93
28) bis(2-Chloroethoxy)methane	8.03	93	229851	8.94	ng	#	95
29) 2,4-Dichlorophenol	8.15	162	156260	9.60	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	181415	11.16	ng		97
31) Naphthalene	8.32	128	638492	11.37	ng		97
32) Benzoic acid	8.00	122	66852	5.25	ng		99
33) 4-Chloroaniline	8.36	127	229521	9.85	ng	#	85
34) Hexachlorobutadiene	8.44	225	99278	11.58	ng		99
35) Caprolactam	8.68	113	39254	7.29	ng		92
36) 4-Chloro-3-methylphenol	8.83	107	168281	9.15	ng		87
37) 2-Methylnaphthalene	9.00	142	347402	9.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	175572	12.53	ng		98
40) Hexachlorocyclopentadiene	9.16	237	75431	10.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	98588	9.87	ng		96
43) 2,4,5-Trichlorophenol	9.31	196	99885	9.66	ng		93
45) 1,1'-Biphenyl	9.47	154	505377	11.57	ng		95
46) 2-Chloronaphthalene	9.50	162	342472	10.63	ng		96
47) 2-Nitroaniline	9.59	65	79284	8.16	ng		87
48) Acenaphthylene	9.92	152	543176	10.38	ng		96
49) Dimethylphthalate	9.77	163	368552	9.48	ng		98
50) 2,6-Dinitrotoluene	9.83	165	72839	8.40	ng	#	80
51) Acenaphthene	10.09	154	342881	11.04	ng		99
52) 3-Nitroaniline	10.00	138	73191	7.20	ng	#	73
53) 2,4-Dinitrophenol	10.10	184	11593	3.06	ng	#	37
54) Dibenzofuran	10.26	168	454040	11.11	ng		98
55) 4-Nitrophenol	10.14	139	62865	9.03	ng		94
56) 2,4-Dinitrotoluene	10.23	165	82611	8.06	ng	#	51
57) Fluorene	10.60	166	375307	12.18	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	74365	9.61	ng		98
59) Diethylphthalate	10.47	149	326065	8.68	ng	#	89
60) 4-Chlorophenyl-phenylether	10.59	204	155695	11.08	ng		89
61) 4-Nitroaniline	10.60	138	74657	7.21	ng		79
62) Azobenzene	10.75	77	364938	9.34	ng		89
64) 4,6-Dinitro-2-methylphenol	10.64	198	18576	3.41	ng	#	47
65) n-Nitrosodiphenylamine	10.71	169	299952	10.48	ng		100
66) 4-Bromophenyl-phenylether	11.09	248	88366	10.32	ng	#	83
67) Hexachlorobenzene	11.15	284	112133	11.23	ng	#	91
68) Atrazine	11.23	200	72909	9.29	ng		98
69) Pentachlorophenol	11.35	266	49599	8.75	ng		99
70) Phenanthrene	11.57	178	466507	11.46	ng		96
71) Anthracene	11.62	178	501839	11.75	ng		95
72) Carbazole	11.77	167	458344	10.15	ng		95
73) Di-n-butylphthalate	12.11	149	481222	9.17	ng	#	94
74) Fluoranthene	12.77	202	440063	10.07	ng		88
76) Benzidine	12.88	184	186250	7.69	ng		99
77) Pyrene	12.99	202	463180	9.36	ng		96
79) Butylbenzylphthalate	13.61	149	161996	6.69	ng	#	79
80) Benzo(a)anthracene	14.18	228	402323	10.34	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	121371	7.56	ng	#	99
82) Chrysene	14.22	228	362516	9.56	ng		96
83) Bis(2-ethylhexyl)phthalate	14.18	149	247218	7.98	ng		99
84) Di-n-octyl phthalate	14.80	149	363625	6.81	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.21	276	332537	10.85	ng		98
87) Benzo(b)fluoranthene	15.26	252	340985	10.37	ng		99
88) Benzo(k)fluoranthene	15.28	252	314453m	10.19	ng		
89) Benzo(a)pyrene	15.63	252	304440	9.84	ng		98
90) Dibenzo(a,h)anthracene	17.23	278	280081	11.60	ng		96
91) Benzo(g,h,i)perylene	17.67	276	277500	11.74	ng		96

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

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