Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084184.D
Acq On : 31 Dec 2015 9:19
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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1/4/2016 4:28:23 PM

Quant Time: Dec 31 14:19:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 11:25:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	349465	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1461155	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	658712	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	1239908	20.00	ng		0.00
75) Chrysene-d12	14.05	240	967149	20.00	ng		-0.01
86) Perylene-d12	15.49	264	711095	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	123291	2.74	ng		0.00
7) Phenol-d6	6.51	99	158860	2.78	ng		-0.02
23) Nitrobenzene-d5	7.46	82	146381	2.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	36850	2.58	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	288540	3.08	ng		0.00
78) Terphenyl-d14	13.01	244	261187	2.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	25940	2.52	ng	#	72
3) Pyridine	3.32	79	65641	2.64	ng	#	71
4) n-Nitrosodimethylamine	3.21	42	36360	2.64	ng	#	67
6) Aniline	6.56	93	115954	2.78	ng	#	76
8) 2-Chlorophenol	6.68	128	68488	2.68	ng		90
10) Phenol	6.53	94	86528	2.62	ng	#	76
11) bis(2-Chloroethyl)ether	6.62	93	65907	2.69	ng	#	79
12) 1,3-Dichlorobenzene	6.84	146	74448	2.80	ng		98
13) 1,4-Dichlorobenzene	6.92	146	75317m	2.75	ng		
14) 1,2-Dichlorobenzene	7.07	146	76049	2.82	ng		98
15) Benzyl Alcohol	7.04	79	67700	2.76	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	129483	2.82	ng		84
17) 2-Methylphenol	7.15	107	55658	2.60	ng		96
18) Hexachloroethane	7.41	117	26681	2.60	ng	#	89
19) n-Nitroso-di-n-propylamine	7.31	70	49392	2.62	ng	#	83
20) 3+4-Methylphenols	7.30	107	72912	2.82	ng	#	75
22) Acetophenone	7.31	105	100716	2.70	ng	#	93
24) Nitrobenzene	7.48	77	68337	2.51	ng		93
25) Isophorone	7.72	82	143177	2.79	ng		97
26) 2-Nitrophenol	7.80	139	24953	2.17	ng		97
27) 2,4-Dimethylphenol	7.84	122	71359	2.79	ng		91
28) bis(2-Chloroethoxy)methane	7.94	93	83261	2.66	ng		95
29) 2,4-Dichlorophenol	8.04	162	54740	2.65	ng		93
30) 1,2,4-Trichlorobenzene	8.12	180	60291	2.73	ng		91
31) Naphthalene	8.20	128	201554	2.79	ng		99
33) 4-Chloroaniline	8.26	127	82329	2.60	ng	#	90
34) Hexachlorobutadiene	8.33	225	33170	2.72	ng		98
35) Caprolactam	8.58	113	18063	2.58	ng	#	57
36) 4-Chloro-3-methylphenol	8.73	107	66458	2.84	ng		98
37) 2-Methylnaphthalene	8.90	142	146831	2.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	58114	2.79	ng		99
40) Hexachlorocyclopentadiene	9.06	237	26427	2.28	ng		96
42) 2,4,6-Trichlorophenol	9.17	196	43510	2.89	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	36825	2.61	ng	#	85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.39	162	125292	2.82	ng	#	84
47) 2-Nitroaniline	9.47	65	28140	2.16	ng	#	73
49) Dimethylphthalate	9.65	163	133527	2.62	ng	#	90
50) 2,6-Dinitrotoluene	9.72	165	23162	2.18	ng		91
52) 3-Nitroaniline	9.88	138	32447	2.48	ng	#	95
54) Dibenzofuran	10.14	168	189383	2.96	ng		99
56) 2,4-Dinitrotoluene	10.12	165	27036	2.05	ng	#	68
57) Fluorene	10.49	166	151135	3.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	31973	2.63	ng		90
61) 4-Nitroaniline	10.49	138	28631	2.58	ng		93
62) Azobenzene	10.64	77	150957	2.73	ng		88
65) n-Nitrosodiphenylamine	10.59	169	112065	2.65	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	37946	2.65	ng	#	68
67) Hexachlorobenzene	11.04	284	45213	2.84	ng	#	89
68) Atrazine	11.12	200	35112	2.50	ng		95
72) Carbazole	11.65	167	185343	2.74	ng		95
74) Fluoranthene	12.64	202	206340	2.81	ng		92
76) Benzidine	12.75	184	96213	2.58	ng		96
77) Pyrene	12.86	202	212880	2.86	ng		98
79) Butylbenzylphthalate	13.49	149	79139	2.44	ng	#	81
80) Benzo(a)anthracene	14.04	228	168989	2.87	ng		97
81) 3,3'-Dichlorobenzidine	14.01	252	48294	2.46	ng	#	92
82) Chrysene	14.09	228	149467	2.79	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	117712	2.75	ng	#	95
84) Di-n-octyl phthalate	14.66	149	182583	2.59	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.90	276	105806	2.57	ng		96
87) Benzo(b)fluoranthene	15.08	252	126470	2.55	ng		98
88) Benzo(k)fluoranthene	15.11	252	111033m	2.65	ng		
89) Benzo(a)pyrene	15.44	252	104988	2.57	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	86828	2.60	ng		98
91) Benzo(g,h,i)perylene	17.33	276	89038	2.64	ng		97

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

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