Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084701.D
Acq On : 1 Feb 2016 10:59
Operator : SJ/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
mohammad
2/2/2016 4:17:15 PM

Quant Time: Feb 01 14:43:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 13:00:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	164736m	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	704010	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	322736	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	672766	20.00	ng		0.00
75) Chrysene-d12	13.86	240	561798	20.00	ng		-0.01
86) Perylene-d12	15.24	264	417423	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	62376	5.72	ng		0.00
7) Phenol-d6	6.35	99	78731	6.02	ng		-0.01
23) Nitrobenzene-d5	7.28	82	69125	5.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	18248	5.39	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	131493	6.06	ng		-0.01
78) Terphenyl-d14	12.81	244	130279	5.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	13307	2.61	ng	#	88
4) n-Nitrosodimethylamine	2.85	42	16700	2.52	ng	#	80
6) Aniline	6.37	93	42083	2.51	ng		97
8) 2-Chlorophenol	6.50	128	31719	2.62	ng		89
9) Benzaldehyde	6.25	77	21986	2.90	ng		88
10) Phenol	6.36	94	41123	2.82	ng		77
11) bis(2-Chloroethyl)ether	6.44	93	31542	2.78	ng		83
12) 1,3-Dichlorobenzene	6.65	146	37443m	2.89	ng		
13) 1,4-Dichlorobenzene	6.73	146	36558m	2.87	ng		
14) 1,2-Dichlorobenzene	6.88	146	33770	2.88	ng		98
15) Benzyl Alcohol	6.85	79	25823m	2.90	ng		
16) 2,2'-oxybis(1-Chloropropan	6.99	45	58659	3.02	ng		86
17) 2-Methylphenol	6.98	107	26897	2.87	ng		94
18) Hexachloroethane	7.22	117	12319	2.47	ng	#	89
19) n-Nitroso-di-n-propylamine	7.13	70	23478m	2.94	ng		
20) 3+4-Methylphenols	7.14	107	33097	2.91	ng		91
22) Acetophenone	7.13	105	48261	2.62	ng	#	95
24) Nitrobenzene	7.30	77	33655	2.51	ng		90
25) Isophorone	7.54	82	65156	2.76	ng		97
26) 2-Nitrophenol	7.62	139	15643	2.46	ng		94
27) 2,4-Dimethylphenol	7.66	122	32319	2.90	ng		88
28) bis(2-Chloroethoxy)methane	7.76	93	40011	2.82	ng		100
29) 2,4-Dichlorophenol	7.86	162	25233	2.59	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	31038	2.78	ng	#	92
31) Naphthalene	8.02	128	102503	2.88	ng		99
33) 4-Chloroaniline	8.08	127	40333	2.79	ng	#	93
34) Hexachlorobutadiene	8.14	225	16535	2.51	ng		93
35) Caprolactam	8.41	113	7472	2.67	ng	#	48
36) 4-Chloro-3-methylphenol	8.57	107	27745	2.58	ng		94
37) 2-Methylnaphthalene	8.72	142	56781	2.60	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	31681	3.03	ng	#	93
42) 2,4,6-Trichlorophenol	8.99	196	17565	2.70	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	18913	2.82	ng	#	92
45) 1,1'-Biphenyl	9.17	154	89075	3.01	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.20	162	64934	3.01	ng		91
47) 2-Nitroaniline	9.30	65	16859	2.60	ng	#	69
48) Acenaphthylene	9.61	152	99091	3.03	ng		98
49) Dimethylphthalate	9.47	163	65603	2.71	ng	#	88
50) 2,6-Dinitrotoluene	9.54	165	15015	2.82	ng	#	82
51) Acenaphthene	9.78	154	64426	2.94	ng		96
52) 3-Nitroaniline	9.70	138	14939	2.68	ng		89
54) Dibenzofuran	9.95	168	77746	2.98	ng		93
55) 4-Nitrophenol	9.88	139	10068	2.46	ng	#	77
56) 2,4-Dinitrotoluene	9.94	165	19608	2.83	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.08	232	13844	2.73	ng	#	81
59) Diethylphthalate	10.18	149	66569	2.81	ng		98
61) 4-Nitroaniline	10.30	138	15080	2.86	ng		93
62) Azobenzene	10.44	77	62886	2.77	ng		81
65) n-Nitrosodiphenylamine	10.41	169	60871	2.79	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	18499	2.44	ng	#	94
67) Hexachlorobenzene	10.84	284	20488	2.49	ng		98
68) Atrazine	10.93	200	16232	2.48	ng		98
70) Phenanthrene	11.25	178	104223	2.80	ng		99
71) Anthracene	11.30	178	101248	2.68	ng		98
72) Carbazole	11.46	167	87127	2.67	ng		97
73) Di-n-butylphthalate	11.80	149	117715	2.97	ng	#	98
74) Fluoranthene	12.43	202	99742	2.71	ng		95
77) Pyrene	12.66	202	109407	2.58	ng		97
79) Butylbenzylphthalate	13.30	149	42700	2.36	ng	#	83
80) Benzo(a)anthracene	13.85	228	91451	2.61	ng		98
81) 3,3'-Dichlorobenzidine	13.81	252	25445	2.06	ng	#	93
82) Chrysene	13.88	228	84133	2.44	ng		97
83) Bis(2-ethylhexyl)phthalate	13.86	149	58294	2.48	ng		96
84) Di-n-octyl phthalate	14.47	149	91358	2.46	ng	#	86
87) Benzo(b)fluoranthene	14.85	252	67228m	2.49	ng		
88) Benzo(k)fluoranthene	14.88	252	68808m	3.08	ng		
89) Benzo(a)pyrene	15.19	252	61735	2.64	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	48575	2.31	ng	#	93
91) Benzo(g,h,i)perylene	16.93	276	47293	2.22	ng		97

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

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