Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092016\
Data File : BF090129.D
Acq On : 20 Sep 2016 10:41
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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9/21/2016 4:17:16 PM

Quant Time: Sep 20 15:54:31 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	164173m	20.00	ng		0.00
21) Naphthalene-d8	7.80	136	643541m	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	382018	20.00	ng		0.00
63) Phenanthrene-d10	11.02	188	565852	20.00	ng		-0.01
75) Chrysene-d12	13.63	240	472960	20.00	ng		0.00
86) Perylene-d12	14.96	264	403044	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	50095	4.91	ng		0.01
7) Phenol-d6	6.17	99	68230	5.11	ng		0.00
23) Nitrobenzene-d5	7.08	82	63149	5.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	18617	4.85	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.60	244	109346	5.49	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.18	93	39810	2.40	ng		99
8) 2-Chlorophenol	6.30	128	32282	2.75	ng		99
9) Benzaldehyde	6.06	77	14408m	2.02	ng		
10) Phenol	6.18	94	43745	2.92	ng		95
11) bis(2-Chloroethyl)ether	6.26	93	31209	2.59	ng		89
12) 1,3-Dichlorobenzene	6.46	146	34911m	2.89	ng		
13) 1,4-Dichlorobenzene	6.54	146	37008m	2.96	ng		
14) 1,2-Dichlorobenzene	6.68	146	33788	2.98	ng	#	89
15) Benzyl Alcohol	6.68	79	19054	2.53	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.81	45	41074m	2.88	ng		
17) 2-Methylphenol	6.80	107	23457	2.44	ng		99
18) Hexachloroethane	7.03	117	12361	2.73	ng		91
20) 3+4-Methylphenols	6.96	107	26855	2.30	ng	#	85
22) Acetophenone	6.94	105	43943	2.82	ng	#	95
24) Nitrobenzene	7.11	77	30879	2.56	ng	#	89
25) Isophorone	7.35	82	72064	3.01	ng		97
26) 2-Nitrophenol	7.43	139	13003	2.22	ng		92
27) 2,4-Dimethylphenol	7.48	122	27858	2.71	ng		97
28) bis(2-Chloroethoxy)methane	7.58	93	40573	2.89	ng		99
29) 2,4-Dichlorophenol	7.68	162	24357	2.68	ng		90
30) 1,2,4-Trichlorobenzene	7.76	180	25420	2.84	ng	#	93
33) 4-Chloroaniline	7.90	127	33811	2.51	ng		95
34) Hexachlorobutadiene	7.96	225	14267	3.11	ng		97
35) Caprolactam	8.22	113	7253	2.39	ng		89
36) 4-Chloro-3-methylphenol	8.39	107	28812	2.73	ng		86
37) 2-Methylnaphthalene	8.52	142	58363	2.97	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	26001	2.65	ng		96
42) 2,4,6-Trichlorophenol	8.81	196	14899	2.09	ng		99
43) 2,4,5-Trichlorophenol	8.84	196	17032	2.22	ng	#	87
45) 1,1'-Biphenyl	8.98	154	84123	2.69	ng		97
46) 2-Chloronaphthalene	9.00	162	60092	2.59	ng		95
48) Acenaphthylene	9.42	152	99294	2.55	ng		97
49) Dimethylphthalate	9.29	163	70417	2.48	ng		100
50) 2,6-Dinitrotoluene	9.35	165	13860	2.19	ng	#	86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	9.59	154	58851	2.71	ng		97
54) Dibenzofuran	9.76	168	76643	2.55	ng		99
56) 2,4-Dinitrotoluene	9.75	165	16290	2.11	ng	#	95
58) 2,3,4,6-Tetrachlorophenol	9.88	232	13302	2.28	ng	#	95
59) Diethylphthalate	9.99	149	71186	2.59	ng		99
60) 4-Chlorophenyl-phenylether	10.10	204	26835	2.70	ng	#	74
62) Azobenzene	10.25	77	69418	2.41	ng		98
65) n-Nitrosodiphenylamine	10.22	169	56516	3.15	ng		97
66) 4-Bromophenyl-phenylether	10.58	248	16321	2.99	ng		93
67) Hexachlorobenzene	10.64	284	19939	3.10	ng		96
68) Atrazine	10.74	200	15195	2.85	ng		97
72) Carbazole	11.26	167	85177	2.78	ng		98
73) Di-n-butylphthalate	11.61	149	101163	2.95	ng	#	97
74) Fluoranthene	12.22	202	84096	2.94	ng		95
77) Pyrene	12.44	202	87422	2.53	ng		97
79) Butylbenzylphthalate	13.09	149	38467	2.24	ng		92
80) Benzo(a)anthracene	13.62	228	65961	2.39	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	27677	2.39	ng		99
82) Chrysene	13.66	228	76512m	2.95	ng		
83) Bis(2-ethylhexyl)phthalate	13.66	149	54399	2.56	ng	#	97
84) Di-n-octyl phthalate	14.26	149	85880	2.26	ng		99
85) Indeno(1,2,3-cd)pyrene	16.11	276	53290	2.37	ng		93
87) Benzo(b)fluoranthene	14.61	252	54113m	2.29	ng		
89) Benzo(a)pyrene	14.90	252	60824	2.87	ng	#	97
90) Dibenzo(a,h)anthracene	16.14	278	44085	2.66	ng		97
91) Benzo(g,h,i)perylene	16.46	276	42583	2.69	ng		99

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

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