Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089726.D
Acq On : 16 Aug 2016 15:56
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 16 19:39:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 18:33:13 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	626946m	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2759351	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1280646	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	2310965	20.00	ng		0.00
75) Chrysene-d12	13.89	240	2050748	20.00	ng		-0.01
86) Perylene-d12	15.39	264	1744299	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	207411	2.65	ng		-0.01
7) Phenol-d6	6.32	99	265299	2.72	ng		-0.01
23) Nitrobenzene-d5	7.26	82	238873	2.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	60400	2.38	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	469938	3.20	ng		-0.01
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	61588	3.03	ng	#	82
3) Pyridine	2.88	79	125154	2.47	ng		94
4) n-Nitrosodimethylamine	2.81	42	50878	2.39	ng	#	91
6) Aniline	6.35	93	172226	2.55	ng		96
8) 2-Chlorophenol	6.47	128	118505	2.74	ng		97
9) Benzaldehyde	6.24	77	82129	2.49	ng		81
10) Phenol	6.33	94	171891	2.93	ng		79
11) bis(2-Chloroethyl)ether	6.43	93	125469	2.92	ng		96
12) 1,3-Dichlorobenzene	6.64	146	135031m	2.89	ng		
13) 1,4-Dichlorobenzene	6.72	146	139068m	2.95	ng		
14) 1,2-Dichlorobenzene	6.87	146	135447	3.01	ng		95
15) Benzyl Alcohol	6.83	79	82317	2.35	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.98	45	163384	2.98	ng		98
17) 2-Methylphenol	6.95	107	85703	2.38	ng		97
18) Hexachloroethane	7.21	117	41285	2.34	ng	#	78
19) n-Nitroso-di-n-propylamine	7.11	70	79372m	2.50	ng		
20) 3+4-Methylphenols	7.11	107	125963	2.84	ng		98
22) Acetophenone	7.11	105	180652	2.75	ng	#	95
24) Nitrobenzene	7.28	77	129644	2.65	ng		95
25) Isophorone	7.52	82	231569	2.54	ng		98
26) 2-Nitrophenol	7.60	139	47199	2.08	ng	#	79
27) 2,4-Dimethylphenol	7.64	122	117114	2.60	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	136402	2.36	ng		97
29) 2,4-Dichlorophenol	7.84	162	92111	2.40	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	108197	2.68	ng		95
31) Naphthalene	8.01	128	346605	2.79	ng		97
33) 4-Chloroaniline	8.06	127	155281	2.61	ng	#	90
34) Hexachlorobutadiene	8.14	225	60113	2.92	ng		97
36) 4-Chloro-3-methylphenol	8.54	107	99448	2.49	ng		98
37) 2-Methylnaphthalene	8.70	142	220008m	2.57	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	116953	3.27	ng		96
40) Hexachlorocyclopentadiene	8.86	237	41021	2.07	ng		99
42) 2,4,6-Trichlorophenol	8.97	196	58131	2.26	ng		94
43) 2,4,5-Trichlorophenol	9.00	196	64941	2.65	ng	#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.16	154	311086	2.93	ng		94
46) 2-Chloronaphthalene	9.19	162	211774	2.75	ng	#	89
48) Acenaphthylene	9.60	152	327620	2.71	ng		97
49) Dimethylphthalate	9.46	163	269267	3.00	ng		98
50) 2,6-Dinitrotoluene	9.52	165	50737	2.55	ng		94
51) Acenaphthene	9.77	154	224484	2.83	ng		99
52) 3-Nitroaniline	9.68	138	55793	2.16	ng	#	92
54) Dibenzofuran	9.94	168	294397	2.62	ng		89
56) 2,4-Dinitrotoluene	9.92	165	56927	2.22	ng		96
57) Fluorene	10.28	166	235598	2.92	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	49390	2.34	ng		96
59) Diethylphthalate	10.17	149	237233	2.59	ng		95
60) 4-Chlorophenyl-phenylether	10.28	204	116944	3.29	ng	#	87
61) 4-Nitroaniline	10.28	138	55348	2.43	ng		95
62) Azobenzene	10.43	77	236824	2.38	ng		91
65) n-Nitrosodiphenylamine	10.39	169	191082	2.56	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	66193	2.80	ng	#	72
67) Hexachlorobenzene	10.82	284	74933	2.82	ng	#	76
68) Atrazine	10.92	200	56197	2.56	ng		97
69) Pentachlorophenol	11.02	266	32466	2.03	ng		94
71) Anthracene	11.28	178	349720	2.92	ng		98
72) Carbazole	11.44	167	341291	2.99	ng		97
73) Di-n-butylphthalate	11.79	149	378109	2.87	ng		98
74) Fluoranthene	12.41	202	332551	2.75	ng		93
76) Benzidine	12.55	184	163431	2.33	ng		98
77) Pyrene	12.64	202	370671	2.82	ng		97
80) Benzo(a)anthracene	13.87	228	310605	2.64	ng		97
81) 3,3'-Dichlorobenzidine	13.84	252	89343	2.07	ng		97
82) Chrysene	13.91	228	313019	2.96	ng		96
83) Bis(2-ethylhexyl)phthalate	13.91	149	190781	2.26	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	190537	2.10	ng		97
87) Benzo(b)fluoranthene	14.99	252	256740	2.38	ng	#	93
88) Benzo(k)fluoranthene	15.02	252	243155m	2.82	ng		
89) Benzo(a)pyrene	15.33	252	212411	2.35	ng	#	96
90) Dibenzo(a,h)anthracene	16.71	278	157485	2.21	ng		98
91) Benzo(g,h,i)perylene	17.06	276	170422	2.36	ng	#	93

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

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