Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024081.D
Acq On : 23 Sep 2016 10:52
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 15:30:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 14:01:07 2016
Response via : Initial Calibration

Instrument :
BNA_G
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	8.05	152	48941	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	229618	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	210115	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	548552	20.00	ng		0.00
75) Chrysene-d12	21.80	240	593627	20.00	ng		0.00
86) Perylene-d12	25.14	264	484656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	12748	4.57	ng		0.03
7) Phenol-d6	7.23	99	20661	4.81	ng		0.02
23) Nitrobenzene-d5	9.23	82	29708	5.78	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	14992	3.96	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	69853	4.77	ng		0.00
78) Terphenyl-d14	20.09	244	169843	6.52	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.38	93	15818	2.78	ng		97
8) 2-Chlorophenol	7.62	128	8887	2.75	ng		92
9) Benzaldehyde	7.19	77	6569m	2.15	ng		
10) Phenol	7.26	94	10251	2.27	ng		93
11) bis(2-Chloroethyl)ether	7.46	93	10446	2.94	ng		92
12) 1,3-Dichlorobenzene	7.94	146	10112	2.68	ng		88
13) 1,4-Dichlorobenzene	8.08	146	10034	2.51	ng	#	89
14) 1,2-Dichlorobenzene	8.40	146	9187	2.44	ng		94
15) Benzyl Alcohol	8.31	79	11353m	3.00	ng		
16) 2,2'-oxybis(1-Chloropropan	8.58	45	13219	2.78	ng		85
17) 2-Methylphenol	8.53	107	7110	2.34	ng	#	85
18) Hexachloroethane	9.13	117	4562	2.96	ng	#	72
19) n-Nitroso-di-n-propylamine	8.86	70	11301	2.98	ng	#	91
20) 3+4-Methylphenols	8.86	107	10054	2.37	ng	#	68
22) Acetophenone	8.89	105	17071	2.87	ng	#	79
24) Nitrobenzene	9.28	77	16012	2.90	ng	#	91
25) Isophorone	9.80	82	31159	3.12	ng	#	94
26) 2-Nitrophenol	10.00	139	4604	2.19	ng		93
27) 2,4-Dimethylphenol	10.06	122	9420	2.64	ng	#	44
28) bis(2-Chloroethoxy)methane	10.28	93	15410	3.06	ng	#	78
29) 2,4-Dichlorophenol	10.58	162	7909	2.09	ng	#	74
30) 1,2,4-Trichlorobenzene	10.74	180	11219	2.70	ng	#	81
31) Naphthalene	10.93	128	31389	2.65	ng	#	92
33) 4-Chloroaniline	11.08	127	11903	2.41	ng	#	85
34) Hexachlorobutadiene	11.20	225	9627	3.09	ng	#	76
35) Caprolactam	11.84	113	3971	2.98	ng	#	67
36) 4-Chloro-3-methylphenol	12.22	107	11410	2.26	ng	#	83
37) 2-Methylnaphthalene	12.55	142	22744	2.53	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	15949	2.29	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	9553	2.03	ng	#	85
45) 1,1'-Biphenyl	13.54	154	37249	2.20	ng		98
46) 2-Chloronaphthalene	13.60	162	29321	2.36	ng		92
47) 2-Nitroaniline	13.83	65	11226	2.30	ng	#	92
48) Acenaphthylene	14.44	152	50324	2.43	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	14.17	163	45145	2.51	ng	#	93
50) 2,6-Dinitrotoluene	14.31	165	7805	2.05	ng		92
51) Acenaphthene	14.78	154	29737	2.33	ng		97
52) 3-Nitroaniline	14.66	138	7635	2.15	ng	#	66
54) Dibenzofuran	15.12	168	48214	2.42	ng		98
56) 2,4-Dinitrotoluene	15.11	165	12226	2.19	ng	#	45
57) Fluorene	15.78	166	41352	2.39	ng	#	99
59) Diethylphthalate	15.53	149	51405	2.67	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	22309	2.39	ng	#	84
61) 4-Nitroaniline	15.84	138	9073	2.52	ng	#	83
62) Azobenzene	16.06	77	50130	2.69	ng		97
65) n-Nitrosodiphenylamine	15.98	169	38959	2.50	ng		95
66) 4-Bromophenyl-phenylether	16.66	248	16643	2.49	ng		87
67) Hexachlorobenzene	16.79	284	18841	2.41	ng		96
68) Atrazine	16.93	200	17745	2.65	ng		92
70) Phenanthrene	17.53	178	79584	2.79	ng		97
71) Anthracene	17.62	178	83502	2.87	ng		95
72) Carbazole	17.91	167	73678	2.79	ng		96
73) Di-n-butylphthalate	18.43	149	105315	3.34	ng		95
74) Fluoranthene	19.55	202	108623	3.16	ng		95
77) Pyrene	19.91	202	112016	3.07	ng		92
79) Butylbenzylphthalate	20.78	149	36827	2.62	ng		90
80) Benzo(a)anthracene	21.77	228	94713m	2.85	ng		
81) 3,3'-Dichlorobenzidine	21.69	252	29429	2.22	ng	#	88
82) Chrysene	21.85	228	89538	2.83	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	49395	2.56	ng	#	90
84) Di-n-octyl phthalate	22.89	149	83360	2.64	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.98	276	93405	2.67	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	72269	2.62	ng	#	99
88) Benzo(k)fluoranthene	24.14	252	75209	2.76	ng	#	91
89) Benzo(a)pyrene	24.98	252	74872	2.86	ng	#	90
90) Dibenzo(a,h)anthracene	29.03	278	76972	2.99	ng	#	93
91) Benzo(g,h,i)perylene	30.19	276	77190m	3.12	ng		

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

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