Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024086.D
Acq On : 23 Sep 2016 14:03
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
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9/26/2016 6:39:56 PM

Quant Time: Sep 23 14:39:16 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48122	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	238360	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	213099	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	508213	20.00	ng		0.00
75) Chrysene-d12	21.80	240	509626	20.00	ng		0.00
86) Perylene-d12	25.13	264	442248	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	348199	127.04	ng		0.00
7) Phenol-d6	7.21	99	577334	136.83	ng		0.00
23) Nitrobenzene-d5	9.22	82	738473	138.31	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	372911	97.13	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	1424548	95.84	ng		0.00
78) Terphenyl-d14	20.10	244	2729864	121.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	65932	58.33	ng		96
3) Pyridine	3.85	79	248317	73.09	ng		93
4) n-Nitrosodimethylamine	3.77	42	117608	65.67	ng	#	90
6) Aniline	7.36	93	396322	70.77	ng		98
8) 2-Chlorophenol	7.61	128	200986	63.29	ng		95
9) Benzaldehyde	7.18	77	156007	52.04	ng		94
10) Phenol	7.24	94	306325	69.01	ng		93
11) bis(2-Chloroethyl)ether	7.46	93	233428	66.84	ng		90
12) 1,3-Dichlorobenzene	7.93	146	219167	58.97	ng		99
13) 1,4-Dichlorobenzene	8.08	146	224456	57.01	ng		96
14) 1,2-Dichlorobenzene	8.39	146	218874	59.23	ng		95
15) Benzyl Alcohol	8.30	79	284172	76.39	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	316197	67.55	ng		96
17) 2-Methylphenol	8.50	107	202031	67.56	ng		96
18) Hexachloroethane	9.13	117	93229	61.49	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	275700	73.97	ng		97
20) 3+4-Methylphenols	8.84	107	292530	70.19	ng		96
22) Acetophenone	8.88	105	416836	67.55	ng	#	99
24) Nitrobenzene	9.27	77	393328	68.51	ng		98
25) Isophorone	9.79	82	747821	72.23	ng		98
26) 2-Nitrophenol	9.99	139	143727	65.85	ng		95
27) 2,4-Dimethylphenol	10.05	122	233401	62.92	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	355714	68.04	ng		99
29) 2,4-Dichlorophenol	10.53	162	252411	64.22	ng		100
30) 1,2,4-Trichlorobenzene	10.73	180	254396	59.02	ng		99
31) Naphthalene	10.93	128	716832	58.36	ng		99
32) Benzoic acid	10.26	122	190633	63.28	ng		92
33) 4-Chloroaniline	11.04	127	325444	63.46	ng		96
34) Hexachlorobutadiene	11.20	225	194265	60.01	ng		97
35) Caprolactam	11.85	113	102549m	74.03	ng		
36) 4-Chloro-3-methylphenol	12.18	107	352999	67.22	ng		96
37) 2-Methylnaphthalene	12.54	142	548016	58.65	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	353103	49.92	ng		96
40) Hexachlorocyclopentadiene	12.87	237	159203	44.64	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	238942	50.62	ng		95
43) 2,4,5-Trichlorophenol	13.24	196	251078	52.62	ng		94
45) 1,1'-Biphenyl	13.55	154	839616	48.98	ng		98
46) 2-Chloronaphthalene	13.59	162	634379	50.41	ng		97
47) 2-Nitroaniline	13.81	65	310208	62.58	ng		97
48) Acenaphthylene	14.45	152	1064770	50.76	ng		98
49) Dimethylphthalate	14.17	163	935455	51.19	ng		99
50) 2,6-Dinitrotoluene	14.30	165	208858	54.15	ng		97
51) Acenaphthene	14.79	154	654313	50.46	ng		97
52) 3-Nitroaniline	14.65	138	213108	59.06	ng		93
53) 2,4-Dinitrophenol	14.86	184	136197	56.63	ng	#	90
54) Dibenzofuran	15.12	168	1005421	49.68	ng		99
55) 4-Nitrophenol	14.98	139	158615	55.25	ng		93
56) 2,4-Dinitrotoluene	15.10	165	321647	56.73	ng		89
57) Fluorene	15.77	166	864580	49.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	242369	50.04	ng		93
59) Diethylphthalate	15.53	149	1001718	51.35	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	467764	49.51	ng		98
61) 4-Nitroaniline	15.82	138	222334	60.96	ng		99
62) Azobenzene	16.06	77	1027997	54.41	ng		95
64) 4,6-Dinitro-2-methylphenol	15.88	198	221724	62.84	ng		94
65) n-Nitrosodiphenylamine	15.98	169	821674	56.92	ng		96
66) 4-Bromophenyl-phenylether	16.66	248	354872	57.39	ng		98
67) Hexachlorobenzene	16.79	284	398758	54.99	ng		99
68) Atrazine	16.94	200	368170	59.28	ng		97
69) Pentachlorophenol	17.14	266	203742	52.90	ng		98
70) Phenanthrene	17.53	178	1496480	56.60	ng		98
71) Anthracene	17.62	178	1524583	56.53	ng		100
72) Carbazole	17.90	167	1462377	59.76	ng		99
73) Di-n-butylphthalate	18.43	149	1853762	63.49	ng		99
74) Fluoranthene	19.54	202	1969864	61.89	ng		98
76) Benzidine	19.73	184	919465	58.26	ng		100
77) Pyrene	19.91	202	2006076	64.00	ng		99
79) Butylbenzylphthalate	20.78	149	809968	67.03	ng		99
80) Benzo(a)anthracene	21.78	228	1672324	58.62	ng		97
81) 3,3'-Dichlorobenzidine	21.69	252	622809	54.62	ng	#	97
82) Chrysene	21.85	228	1557983	57.37	ng		100
83) Bis(2-ethylhexyl)phthalate	21.64	149	923240	55.81	ng		97
84) Di-n-octyl phthalate	22.89	149	1567220	57.76	ng		100
85) Indeno(1,2,3-cd)pyrene	28.98	276	1795046	59.70	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	1510848	60.14	ng		100
88) Benzo(k)fluoranthene	24.14	252	1520670	61.05	ng	#	97
89) Benzo(a)pyrene	24.98	252	1455213	61.00	ng	#	98
90) Dibenzo(a,h)anthracene	29.03	278	1447772	61.71	ng	#	98
91) Benzo(g,h,i)perylene	30.17	276	1449927	64.26	ng	#	95

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

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