Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
Data File : BG019833.D
Acq On : 2 Dec 2015 14:02
Operator : UM/NP
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
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12/3/2015 7:14:12 PM

Quant Time: Dec 02 18:47:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 16:44:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	15007	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	64780	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	47771	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	136810	20.00	ng		0.00
75) Chrysene-d12	21.79	240	179096	20.00	ng		0.00
86) Perylene-d12	25.10	264	152144	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	3998	4.60	ng		0.00
7) Phenol-d6	7.27	99	5602	4.50	ng		0.00
23) Nitrobenzene-d5	9.30	82	5920	5.11	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	3488	5.42	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	18196	5.29	ng		0.00
78) Terphenyl-d14	20.11	244	37759	5.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	728	2.00	ng	#	100
4) n-Nitrosodimethylamine	3.87	42	1035	2.64	ng	#	61
6) Aniline	7.44	93	3617	2.11	ng	#	80
8) 2-Chlorophenol	7.69	128	2267	2.26	ng		82
9) Benzaldehyde	7.26	77	2126	3.17	ng	#	83
10) Phenol	7.30	94	3108	2.36	ng		66
11) bis(2-Chloroethyl)ether	7.54	93	2332	2.29	ng		87
12) 1,3-Dichlorobenzene	8.02	146	2642	2.26	ng	#	91
13) 1,4-Dichlorobenzene	8.17	146	2844	2.43	ng		95
14) 1,2-Dichlorobenzene	8.49	146	2766	2.48	ng	#	93
15) Benzyl Alcohol	8.37	79	2697	3.00	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.66	45	3643	3.15	ng		94
17) 2-Methylphenol	8.57	107	2095	2.29	ng	#	85
18) Hexachloroethane	9.23	117	960	2.29	ng		88
19) n-Nitroso-di-n-propylamine	8.93	70	2196	2.50	ng		92
20) 3+4-Methylphenols	8.88	107	2881	2.24	ng		93
22) Acetophenone	8.95	105	4387	2.67	ng	#	84
24) Nitrobenzene	9.34	77	2902	2.36	ng		96
25) Isophorone	9.87	82	6483	2.60	ng	#	89
27) 2,4-Dimethylphenol	10.11	122	2682	2.58	ng		96
28) bis(2-Chloroethoxy)methane	10.35	93	3153	2.21	ng		95
29) 2,4-Dichlorophenol	10.59	162	2852	2.71	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	3237	2.78	ng	#	88
31) Naphthalene	11.01	128	8430	2.43	ng		98
33) 4-Chloroaniline	11.10	127	3826m	2.44	ng		
34) Hexachlorobutadiene	11.29	225	2547	3.70	ng		97
35) Caprolactam	11.86	113	1007	2.23	ng	#	85
36) 4-Chloro-3-methylphenol	12.21	107	3584	3.05	ng		95
37) 2-Methylnaphthalene	12.60	142	6234m	2.46	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	4663	3.08	ng		98
40) Hexachlorocyclopentadiene	12.95	237	2090	2.75	ng		82
42) 2,4,6-Trichlorophenol	13.20	196	3106m	2.96	ng		
43) 2,4,5-Trichlorophenol	13.26	196	3243	2.82	ng	#	85
45) 1,1'-Biphenyl	13.60	154	9827	2.59	ng		96

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Quant Time: Dec 02 18:47:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 16:44:50 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.65	162	7593	2.59	ng		98
47) 2-Nitroaniline	13.84	65	2008	2.28	ng		81
48) Acenaphthylene	14.49	152	13005	2.51	ng		98
49) Dimethylphthalate	14.21	163	11353	2.87	ng	#	96
51) Acenaphthene	14.83	154	7368	2.45	ng	#	92
54) Dibenzofuran	15.16	168	11909	2.55	ng		94
57) Fluorene	15.81	166	10583	2.63	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	2898	2.68	ng	#	88
59) Diethylphthalate	15.57	149	12457	3.02	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	6237	3.22	ng	#	89
62) Azobenzene	16.09	77	9853	2.70	ng		91
65) n-Nitrosodiphenylamine	16.01	169	9972	2.52	ng		94
66) 4-Bromophenyl-phenylether	16.70	248	4408	3.17	ng		91
67) Hexachlorobenzene	16.81	284	4758	3.15	ng		99
68) Atrazine	16.96	200	4069	2.58	ng		82
70) Phenanthrene	17.55	178	19831	2.76	ng		98
71) Anthracene	17.64	178	20092	2.76	ng		98
72) Carbazole	17.90	167	16859	2.39	ng		95
73) Di-n-butylphthalate	18.47	149	20890	2.51	ng	#	96
74) Fluoranthene	19.55	202	25237	2.83	ng		92
76) Benzidine	19.73	184	11968	2.23	ng		98
77) Pyrene	19.91	202	26540	2.41	ng	#	93
79) Butylbenzylphthalate	20.81	149	9759	2.18	ng	#	92
80) Benzo(a)anthracene	21.77	228	28149	2.73	ng		94
81) 3,3'-Dichlorobenzidine	21.69	252	10424	2.66	ng	#	96
82) Chrysene	21.83	228	26034	2.68	ng		93
83) Bis(2-ethylhexyl)phthalate	21.69	149	14594	2.26	ng	#	89
84) Di-n-octyl phthalate	22.94	149	23306	2.13	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.86	276	28481m	2.31	ng		
87) Benzo(b)fluoranthene	24.04	252	24862	2.82	ng	#	94
88) Benzo(k)fluoranthene	24.11	252	24998	2.83	ng	#	90
89) Benzo(a)pyrene	24.94	252	23577	2.81	ng	#	92
90) Dibenzo(a,h)anthracene	28.95	278	23689	2.87	ng	#	88
91) Benzo(g,h,i)perylene	30.04	276	22621	2.69	ng	#	82

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

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