Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083116\
Data File : BG023925.D
Acq On : 31 Aug 2016 12:43
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
9/2/2016 7:25:28 AM

Quant Time: Aug 31 18:48:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:36:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	53789	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	254572	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	193670	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	511349	20.00	ng		0.00
75) Chrysene-d12	21.84	240	536348	20.00	ng		0.00
86) Perylene-d12	25.22	264	495703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	52958	16.57	ng		0.00
7) Phenol-d6	7.27	99	90185	18.12	ng		0.00
23) Nitrobenzene-d5	9.27	82	113872	22.24	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	57409	20.27	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	273781	23.84	ng		0.00
78) Terphenyl-d14	20.13	244	494313	25.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	12360	9.08	ng		95
3) Pyridine	3.94	79	33110m	7.40	ng		
4) n-Nitrosodimethylamine	3.83	42	16421	9.90	ng	#	86
6) Aniline	7.42	93	59436	8.27	ng		96
8) 2-Chlorophenol	7.65	128	34057	9.28	ng		95
9) Benzaldehyde	7.23	77	32338	10.98	ng		96
10) Phenol	7.30	94	49093	9.22	ng		92
11) bis(2-Chloroethyl)ether	7.50	93	42563	10.02	ng		90
12) 1,3-Dichlorobenzene	7.97	146	41332	9.83	ng		98
13) 1,4-Dichlorobenzene	8.12	146	44226m	10.28	ng		
14) 1,2-Dichlorobenzene	8.44	146	39906	9.45	ng	#	89
15) Benzyl Alcohol	8.36	79	34220	9.07	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.61	45	55941	8.96	ng		91
17) 2-Methylphenol	8.56	107	30861	8.65	ng	#	88
18) Hexachloroethane	9.18	117	15653	9.67	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	42250	9.87	ng		94
20) 3+4-Methylphenols	8.89	107	44839	8.91	ng	#	79
22) Acetophenone	8.93	105	67975	9.75	ng	#	92
24) Nitrobenzene	9.32	77	63671	11.23	ng		94
25) Isophorone	9.85	82	108122	10.14	ng		95
26) 2-Nitrophenol	10.03	139	22352	9.34	ng	#	85
27) 2,4-Dimethylphenol	10.10	122	41249	10.12	ng		85
28) bis(2-Chloroethoxy)methane	10.32	93	61713	9.63	ng		99
29) 2,4-Dichlorophenol	10.60	162	39047	9.53	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	44798	10.14	ng		96
31) Naphthalene	10.97	128	138494	10.68	ng		95
32) Benzoic acid	10.24	122	24014	7.13	ng	#	73
33) 4-Chloroaniline	11.11	127	53100	8.57	ng	#	87
34) Hexachlorobutadiene	11.24	225	33507	11.53	ng		93
35) Caprolactam	11.92	113	14955m	8.68	ng		
36) 4-Chloro-3-methylphenol	12.24	107	54810	10.18	ng	#	91
37) 2-Methylnaphthalene	12.58	142	100344	10.18	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	60816	8.66	ng		98
40) Hexachlorocyclopentadiene	12.92	237	18620	5.26	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	42622	10.19	ng		94
43) 2,4,5-Trichlorophenol	13.29	196	40566	9.42	ng		93
45) 1,1'-Biphenyl	13.59	154	163608	11.05	ng		98
46) 2-Chloronaphthalene	13.63	162	121652	10.62	ng		93
47) 2-Nitroaniline	13.86	65	47341	9.96	ng		94
48) Acenaphthylene	14.48	152	198730	10.98	ng		96
49) Dimethylphthalate	14.21	163	172345	11.60	ng		99
50) 2,6-Dinitrotoluene	14.34	165	34587	9.83	ng		98
51) Acenaphthene	14.82	154	123684	10.78	ng		93
52) 3-Nitroaniline	14.69	138	32469	8.18	ng	#	97
53) 2,4-Dinitrophenol	14.91	184	13640	6.05	ng		90
54) Dibenzofuran	15.16	168	191863	11.52	ng		94
55) 4-Nitrophenol	15.06	139	21210m	6.81	ng		
56) 2,4-Dinitrotoluene	15.14	165	53590	10.85	ng		96
57) Fluorene	15.81	166	163176	11.23	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.40	232	42078	10.65	ng		92
59) Diethylphthalate	15.57	149	188822	12.52	ng		96
60) 4-Chlorophenyl-phenylether	15.80	204	82738	10.76	ng		94
61) 4-Nitroaniline	15.87	138	33754	7.99	ng	#	73
62) Azobenzene	16.09	77	184228	12.05	ng		92
64) 4,6-Dinitro-2-methylphenol	15.91	198	30282	8.71	ng		92
65) n-Nitrosodiphenylamine	16.02	169	156986	10.47	ng		97
66) 4-Bromophenyl-phenylether	16.70	248	61022	10.24	ng		94
67) Hexachlorobenzene	16.82	284	70746	10.85	ng		95
68) Atrazine	16.98	200	65223	11.33	ng		93
69) Pentachlorophenol	17.19	266	32443	8.53	ng		96
70) Phenanthrene	17.56	178	290883	11.21	ng		98
71) Anthracene	17.66	178	297780	11.41	ng		95
72) Carbazole	17.94	167	270615	11.81	ng		97
73) Di-n-butylphthalate	18.47	149	331771	12.72	ng	#	96
74) Fluoranthene	19.58	202	338733	12.20	ng		97
76) Benzidine	19.77	184	168310	11.29	ng		97
77) Pyrene	19.95	202	356194	10.72	ng	#	88
79) Butylbenzylphthalate	20.82	149	139289	10.78	ng		95
80) Benzo(a)anthracene	21.82	228	319171m	10.78	ng		
81) 3,3'-Dichlorobenzidine	21.74	252	119259	9.82	ng	#	98
82) Chrysene	21.89	228	304180	10.80	ng		97
83) Bis(2-ethylhexyl)phthalate	21.69	149	198769	11.24	ng	#	91
84) Di-n-octyl phthalate	22.95	149	326565	10.82	ng		99
85) Indeno(1,2,3-cd)pyrene	29.08	276	324447	9.22	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	291680	10.46	ng	#	95
88) Benzo(k)fluoranthene	24.21	252	296321	11.06	ng	#	98
89) Benzo(a)pyrene	25.05	252	274164	10.34	ng	#	96
90) Dibenzo(a,h)anthracene	29.14	278	276914	10.22	ng	#	93
91) Benzo(g,h,i)perylene	30.30	276	258065	9.46	ng	#	93

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

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