Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072616\
Data File : BG023275.D
Acq On : 26 Jul 2016 20:06
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED
sohil
7/27/2016 7:13:30 PM

Quant Time: Jul 27 17:49:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 26 19:09:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	251440	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	1193649	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	773136	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1569774	20.00	ng		0.00
75) Chrysene-d12	21.90	240	1247143	20.00	ng		0.00
86) Perylene-d12	25.31	264	1225002	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	2189371	74.04	ng		0.00
7) Phenol-d6	7.30	99	3154851	69.53	ng		0.01
23) Nitrobenzene-d5	9.32	82	3337242	68.11	ng		0.01
41) 2,4,6-Tribromophenol	16.32	330	1029528	60.53	ng		0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
3) Pyridine	3.94	79	1633660	74.06	ng		89
4) n-Nitrosodimethylamine	3.85	42	720043	72.17	ng	#	82
6) Aniline	7.46	93	2250343	74.56	ng	#	95
8) 2-Chlorophenol	7.70	128	1280437	77.81	ng		95
9) Benzaldehyde	7.27	77	1095227	67.37	ng		93
10) Phenol	7.32	94	1811885	75.95	ng		88
11) bis(2-Chloroethyl)ether	7.55	93	1563201	76.85	ng		87
12) 1,3-Dichlorobenzene	8.03	146	1379304	74.38	ng		94
13) 1,4-Dichlorobenzene	8.17	146	1404257	74.21	ng		99
14) 1,2-Dichlorobenzene	8.50	146	1363361	74.96	ng		96
15) Benzyl Alcohol	8.38	79	1295962	85.79	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.67	45	2564217	79.82	ng		91
17) 2-Methylphenol	8.58	107	1268430	78.12	ng		89
18) Hexachloroethane	9.24	117	608682	77.28	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	1525602	75.21	ng		95
20) 3+4-Methylphenols	8.92	107	1742576	78.82	ng		92
22) Acetophenone	8.97	105	2254687	72.14	ng	#	95
24) Nitrobenzene	9.36	77	2089932	73.73	ng	#	88
25) Isophorone	9.89	82	3473331	68.89	ng	#	91
26) 2-Nitrophenol	10.08	139	882500	82.90	ng	#	80
27) 2,4-Dimethylphenol	10.13	122	1383617	76.91	ng		84
28) bis(2-Chloroethoxy)methane	10.37	93	2081488	73.57	ng	#	91
29) 2,4-Dichlorophenol	10.62	162	1352461	77.54	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	1420307	73.53	ng		98
31) Naphthalene	11.03	128	3599628	64.77	ng	#	87
32) Benzoic acid	10.34	122	1254048	99.81	ng		89
33) 4-Chloroaniline	11.14	127	1922707	75.15	ng		97
34) Hexachlorobutadiene	11.30	225	874541	67.40	ng		95
35) Caprolactam	11.95	113	580872	81.43	ng	#	82
36) 4-Chloro-3-methylphenol	12.27	107	1664881	72.98	ng	#	88
37) 2-Methylnaphthalene	12.63	142	2763158	67.30	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	1770028	70.19	ng		95
40) Hexachlorocyclopentadiene	12.97	237	955724	75.48	ng		97
42) 2,4,6-Trichlorophenol	13.24	196	1159436	78.85	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.32	196	1203584	77.44	ng	#	93
45) 1,1'-Biphenyl	13.64	154	3430691	63.04	ng		71
46) 2-Chloronaphthalene	13.69	162	2934883	67.58	ng	#	82
47) 2-Nitroaniline	13.89	65	1424928	78.35	ng		92
48) Acenaphthylene	14.54	152	3975816	61.86	ng	#	73
49) Dimethylphthalate	14.27	163	3467295	58.38	ng	#	86
50) 2,6-Dinitrotoluene	14.39	165	1008024	76.17	ng		89
51) Acenaphthene	14.88	154	2863814	66.70	ng		93
52) 3-Nitroaniline	14.73	138	1051857	79.17	ng	#	81
53) 2,4-Dinitrophenol	14.93	184	636466	83.75	ng	#	84
54) Dibenzofuran	15.21	168	3621168	57.10	ng	#	83
56) 2,4-Dinitrotoluene	15.18	165	1365022	73.51	ng		98
57) Fluorene	15.86	166	3224056	60.09	ng	#	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	969199m	74.52	ng		
59) Diethylphthalate	15.62	149	3412510	53.84	ng	#	79
60) 4-Chlorophenyl-phenylether	15.85	204	1890186	65.38	ng		94
61) 4-Nitroaniline	15.90	138	1030414	74.47	ng	#	65
62) Azobenzene	16.15	77	3637527	59.91	ng		84
64) 4,6-Dinitro-2-methylphenol	15.95	198	854721	85.18	ng		80
65) n-Nitrosodiphenylamine	16.07	169	2934020	69.15	ng	#	81
66) 4-Bromophenyl-phenylether	16.75	248	1191339	74.80	ng		97
67) Hexachlorobenzene	16.87	284	1148913	71.93	ng	#	85
68) Atrazine	17.02	200	1180088	73.59	ng		95
69) Pentachlorophenol	17.22	266	777934	79.60	ng		98
70) Phenanthrene	17.62	178	4135480	56.59	ng	#	69
71) Anthracene	17.71	178	4168161	58.99	ng	#	69
72) Carbazole	17.98	167	3871269	59.86	ng	#	77
73) Di-n-butylphthalate	18.52	149	4011322	55.31	ng	#	77
77) Pyrene	19.99	202	4034163	57.67	ng	#	68
79) Butylbenzylphthalate	20.87	149	2320661	74.42	ng		95
80) Benzo(a)anthracene	21.88	228	4161499	63.77	ng	#	79
81) 3,3'-Dichlorobenzidine	21.79	252	1924824	72.48	ng	#	90
82) Chrysene	21.95	228	3927121	62.22	ng	#	75
83) Bis(2-ethylhexyl)phthalate	21.76	149	3118152	71.47	ng	#	85
84) Di-n-octyl phthalate	23.04	149	4842244	68.03	ng	#	86
85) Indeno(1,2,3-cd)pyrene	29.23	276	5774227	78.44	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	4648092	71.73	ng	#	84
88) Benzo(k)fluoranthene	24.30	252	4430601	68.13	ng	#	83
89) Benzo(a)pyrene	25.15	252	4599447	72.24	ng	#	87
90) Dibenzo(a,h)anthracene	29.30	278	4619540	76.90	ng	#	83
91) Benzo(g,h,i)perylene	30.46	276	4738731	74.90	ng	#	80

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

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