Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025355.D
Acq On : 21 Dec 2016 12:52
Operator : UM/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
sohil
12/22/2016 7:03:04 PM

Quant Time: Dec 21 18:06:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 17:22:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	49910	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	211284	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	169962	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	392297	20.00	ng		0.00
75) Chrysene-d12	21.88	240	564440	20.00	ng		0.00
86) Perylene-d12	25.30	264	580214	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	14059	4.62	ng		0.00
7) Phenol-d6	7.39	99	17161	4.11	ng		0.01
23) Nitrobenzene-d5	9.40	82	22841	4.92	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	13608	5.36	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	56204	5.50	ng		0.00
78) Terphenyl-d14	20.17	244	117836	6.24	ng		0.00
Target Compounds							Qvalue
3) Pyridine	4.01	79	7273m	1.95	ng		
4) n-Nitrosodimethylamine	3.94	42	4875	2.53	ng	#	45
6) Aniline	7.54	93	12091	2.28	ng	#	74
8) 2-Chlorophenol	7.77	128	8038	2.60	ng		85
9) Benzaldehyde	7.37	77	7821	3.03	ng	#	77
10) Phenol	7.41	94	10595	2.46	ng		93
11) bis(2-Chloroethyl)ether	7.63	93	8562	2.65	ng	#	77
12) 1,3-Dichlorobenzene	8.10	146	9264m	2.42	ng		
13) 1,4-Dichlorobenzene	8.25	146	10156	2.68	ng	#	93
14) 1,2-Dichlorobenzene	8.57	146	9678	2.66	ng	#	75
15) Benzyl Alcohol	8.47	79	7663	1.97	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.74	45	15632	2.60	ng		99
17) 2-Methylphenol	8.67	107	6600	2.31	ng	#	80
18) Hexachloroethane	9.30	117	3635	2.50	ng	#	64
19) n-Nitroso-di-n-propylamine	9.03	70	8807	2.86	ng	#	74
20) 3+4-Methylphenols	9.00	107	9277	2.42	ng		87
22) Acetophenone	9.05	105	14732	2.71	ng	#	70
24) Nitrobenzene	9.45	77	14048	2.72	ng	#	82
25) Isophorone	9.95	82	20684	2.40	ng		97
26) 2-Nitrophenol	10.15	139	4922	2.57	ng	#	47
27) 2,4-Dimethylphenol	10.21	122	8027	2.39	ng	#	71
28) bis(2-Chloroethoxy)methane	10.43	93	12851	2.88	ng	#	81
29) 2,4-Dichlorophenol	10.71	162	7709	2.19	ng	#	73
30) 1,2,4-Trichlorobenzene	10.91	180	11046	2.64	ng	#	75
31) Naphthalene	11.10	128	26550	2.52	ng	#	89
33) 4-Chloroaniline	11.23	127	9560	2.09	ng		91
34) Hexachlorobutadiene	11.35	225	8961	2.74	ng	#	71
35) Caprolactam	11.99	113	3211	2.49	ng	#	31
36) 4-Chloro-3-methylphenol	12.34	107	10334	2.43	ng	#	86
37) 2-Methylnaphthalene	12.69	142	18924	2.46	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.05	216	13913	2.43	ng	#	97
42) 2,4,6-Trichlorophenol	13.30	196	8731	2.53	ng		86
43) 2,4,5-Trichlorophenol	13.39	196	9941	2.67	ng	#	89
45) 1,1'-Biphenyl	13.68	154	30688	2.60	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.73	162	24155	2.69	ng		94
47) 2-Nitroaniline	13.96	65	8269	2.25	ng		91
48) Acenaphthylene	14.57	152	37124	2.70	ng		93
49) Dimethylphthalate	14.28	163	31683	2.63	ng	#	89
50) 2,6-Dinitrotoluene	14.43	165	6417	2.49	ng	#	84
51) Acenaphthene	14.90	154	24231	2.36	ng		90
52) 3-Nitroaniline	14.77	138	6326	2.37	ng	#	80
54) Dibenzofuran	15.24	168	36160	2.55	ng	#	89
55) 4-Nitrophenol	15.12	139	4316m	1.86	ng		
56) 2,4-Dinitrotoluene	15.23	165	9407	2.51	ng	#	87
57) Fluorene	15.88	166	30362	2.58	ng	#	96
58) 2,3,4,6-Tetrachlorophenol	15.48	232	10789	2.79	ng	#	95
59) Diethylphthalate	15.62	149	35304	2.79	ng	#	93
60) 4-Chlorophenyl-phenylether	15.87	204	18226	2.76	ng		89
61) 4-Nitroaniline	15.94	138	5493	1.89	ng		91
62) Azobenzene	16.16	77	31525	2.50	ng		92
64) 4,6-Dinitro-2-methylphenol	15.99	198	5668	2.10	ng	#	15
65) n-Nitrosodiphenylamine	16.08	169	27884m	2.60	ng		
66) 4-Bromophenyl-phenylether	16.76	248	11894	2.50	ng	#	84
67) Hexachlorobenzene	16.88	284	15245	2.90	ng	#	87
68) Atrazine	17.02	200	14242	3.10	ng		89
69) Pentachlorophenol	17.25	266	6565	1.89	ng	#	78
70) Phenanthrene	17.63	178	53655	2.68	ng		93
71) Anthracene	17.73	178	56899m	2.82	ng		
72) Carbazole	18.00	167	49155	2.67	ng	#	95
73) Di-n-butylphthalate	18.51	149	62279	2.94	ng		97
74) Fluoranthene	19.63	202	71370	2.82	ng		92
76) Benzidine	19.81	184	39205	2.95	ng	#	93
77) Pyrene	19.99	202	76864	2.79	ng	#	88
79) Butylbenzylphthalate	20.84	149	33114	2.88	ng		98
80) Benzo(a)anthracene	21.86	228	81530	2.63	ng		94
81) 3,3'-Dichlorobenzidine	21.77	252	31995	2.56	ng	#	91
82) Chrysene	21.93	228	83378	2.82	ng		93
83) Bis(2-ethylhexyl)phthalate	21.70	149	46907	2.85	ng		91
84) Di-n-octyl phthalate	22.96	149	71655	2.62	ng	#	99
85) Indeno(1,2,3-cd)pyrene	29.21	276	101758	2.50	ng	#	73
87) Benzo(b)fluoranthene	24.19	252	88142m	2.81	ng		
88) Benzo(k)fluoranthene	24.26	252	81079	2.68	ng		97
89) Benzo(a)pyrene	25.12	252	82245	2.68	ng	#	99
90) Dibenzo(a,h)anthracene	29.27	278	84105	2.50	ng		98
91) Benzo(g,h,i)perylene	30.45	276	88766	2.64	ng	#	88

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

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