Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\
Data File : BG023382.D
Acq On : 1 Aug 2016 13:53
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
8/2/2016 5:10:14 PM

Quant Time: Aug 01 19:00:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:40:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	150182	20.00	ng		0.02
21) Naphthalene-d8	10.97	136	678464	20.00	ng		0.02
38) Acenaphthene-d10	14.80	164	485150	20.00	ng		0.02
63) Phenanthrene-d10	17.55	188	1202814	20.00	ng		0.00
75) Chrysene-d12	21.87	240	1120648	20.00	ng		0.00
86) Perylene-d12	25.26	264	1126359	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	45312	5.15	ng		0.02
7) Phenol-d6	7.29	99	67912	5.03	ng		0.02
23) Nitrobenzene-d5	9.32	82	70514	5.08	ng		0.02
41) 2,4,6-Tribromophenol	16.29	330	34978	6.97	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	10654	2.82	ng	#	91
3) Pyridine	3.95	79	27442	2.08	ng	#	80
6) Aniline	7.46	93	47250	2.62	ng	#	85
8) 2-Chlorophenol	7.70	128	26805	2.73	ng		91
10) Phenol	7.32	94	34289	2.41	ng		82
11) bis(2-Chloroethyl)ether	7.55	93	29766	2.46	ng		87
12) 1,3-Dichlorobenzene	8.03	146	30218	2.73	ng	#	81
13) 1,4-Dichlorobenzene	8.17	146	32161m	2.85	ng		
14) 1,2-Dichlorobenzene	8.50	146	32544	2.99	ng	#	84
15) Benzyl Alcohol	8.39	79	22725	2.50	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.66	45	42642	2.21	ng		100
17) 2-Methylphenol	8.59	107	24554	2.52	ng	#	76
18) Hexachloroethane	9.24	117	11770	2.50	ng		87
19) n-Nitroso-di-n-propylamine	8.94	70	26451	2.18	ng	#	95
20) 3+4-Methylphenols	8.92	107	32242	2.43	ng	#	77
22) Acetophenone	8.97	105	49563	2.80	ng	#	89
24) Nitrobenzene	9.36	77	39869	2.47	ng	#	86
25) Isophorone	9.88	82	69664	2.43	ng	#	95
26) 2-Nitrophenol	10.08	139	14616	2.40	ng	#	66
27) 2,4-Dimethylphenol	10.13	122	25707	2.51	ng	#	80
28) bis(2-Chloroethoxy)methane	10.36	93	45091	2.80	ng	#	89
29) 2,4-Dichlorophenol	10.63	162	25148	2.53	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	30125	2.75	ng		90
31) Naphthalene	11.02	128	96656	3.07	ng		96
33) 4-Chloroaniline	11.13	127	40606	2.79	ng	#	91
34) Hexachlorobutadiene	11.30	225	21086	2.93	ng		93
35) Caprolactam	11.89	113	9394m	2.22	ng		
36) 4-Chloro-3-methylphenol	12.26	107	33402	2.56	ng		97
37) 2-Methylnaphthalene	12.63	142	70692	3.02	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	47787	3.04	ng		96
42) 2,4,6-Trichlorophenol	13.23	196	26044m	2.82	ng		
43) 2,4,5-Trichlorophenol	13.31	196	27031	2.76	ng	#	86
45) 1,1'-Biphenyl	13.62	154	105926	3.13	ng		93
46) 2-Chloronaphthalene	13.68	162	80637	2.97	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	13.88	65	25926	2.26	ng		97
48) Acenaphthylene	14.52	152	130677	3.15	ng		94
49) Dimethylphthalate	14.24	163	103348	2.89	ng		97
50) 2,6-Dinitrotoluene	14.37	165	23198	2.77	ng	#	67
51) Acenaphthene	14.86	154	77102	2.86	ng		94
52) 3-Nitroaniline	14.71	138	22489	2.66	ng	#	70
54) Dibenzofuran	15.19	168	122193	3.21	ng		93
56) 2,4-Dinitrotoluene	15.16	165	28262	2.39	ng	#	82
57) Fluorene	15.84	166	107225	3.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	24903	3.01	ng	#	98
59) Diethylphthalate	15.60	149	108699	2.96	ng	#	92
60) 4-Chlorophenyl-phenylether	15.83	204	53603	2.94	ng		95
61) 4-Nitroaniline	15.88	138	24844	2.81	ng	#	58
62) Azobenzene	16.13	77	108136	2.84	ng		92
65) n-Nitrosodiphenylamine	16.05	169	96852	3.02	ng		94
66) 4-Bromophenyl-phenylether	16.73	248	35757	2.94	ng		91
67) Hexachlorobenzene	16.85	284	39927	3.27	ng	#	92
68) Atrazine	17.00	200	35474	2.88	ng		94
70) Phenanthrene	17.60	178	181368	3.45	ng		95
71) Anthracene	17.69	178	173058	3.26	ng		97
72) Carbazole	17.97	167	148642	3.05	ng		94
76) Benzidine	19.79	184	66324	2.10	ng		98
79) Butylbenzylphthalate	20.85	149	64695	2.31	ng		98
80) Benzo(a)anthracene	21.85	228	180710	3.08	ng		94
81) 3,3'-Dichlorobenzidine	21.76	252	64099	2.69	ng	#	93
82) Chrysene	21.91	228	173477	3.06	ng		93
83) Bis(2-ethylhexyl)phthalate	21.73	149	96436	2.46	ng		98
84) Di-n-octyl phthalate	22.99	149	165264	2.58	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	181116	2.74	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	174489	2.92	ng	#	89
88) Benzo(k)fluoranthene	24.24	252	164569	2.75	ng	#	92
89) Benzo(a)pyrene	25.09	252	159286	2.72	ng	#	91
90) Dibenzo(a,h)anthracene	29.20	278	154552	2.79	ng	#	91
91) Benzo(g,h,i)perylene	30.34	276	151742	2.60	ng	#	94

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

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