Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021158.D
Acq On : 29 Feb 2016 16:55
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
3/1/2016 3:01:12 PM

Quant Time: Feb 29 17:43:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 16:07:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10338	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	54327	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	34204	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	77777	20.00	ng		0.00
75) Chrysene-d12	21.77	240	83813	20.00	ng		0.00
86) Perylene-d12	25.04	264	75273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	103044	174.50	ng		0.00
7) Phenol-d6	7.30	99	174968	199.12	ng		0.00
23) Nitrobenzene-d5	9.32	82	204023	178.93	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	57931	129.18	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	387808	145.09	ng		0.00
78) Terphenyl-d14	20.09	244	564720	157.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	23112	84.52	ng		98
3) Pyridine	4.00	79	76380	95.51	ng		94
4) n-Nitrosodimethylamine	3.91	42	36794	90.74	ng		97
6) Aniline	7.48	93	112535	103.54	ng	#	88
8) 2-Chlorophenol	7.72	128	63346	86.01	ng		84
10) Phenol	7.33	94	91876	102.07	ng		82
11) bis(2-Chloroethyl)ether	7.57	93	69718	101.05	ng		91
12) 1,3-Dichlorobenzene	8.04	146	63090	80.49	ng	#	89
13) 1,4-Dichlorobenzene	8.19	146	64844m	77.44	ng		
14) 1,2-Dichlorobenzene	8.51	146	63847	80.53	ng		97
15) Benzyl Alcohol	8.39	79	79628	103.75	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.68	45	118489	149.78	ng		99
17) 2-Methylphenol	8.58	107	63304	99.63	ng	#	88
18) Hexachloroethane	9.24	117	27571	87.04	ng		95
19) n-Nitroso-di-n-propylamine	8.97	70	79302	117.00	ng		96
20) 3+4-Methylphenols	8.92	107	89740	101.87	ng		93
22) Acetophenone	8.98	105	125850	83.93	ng	#	92
24) Nitrobenzene	9.37	77	110640	93.93	ng	#	88
25) Isophorone	9.89	82	217282	101.67	ng		97
26) 2-Nitrophenol	10.08	139	41455	83.24	ng	#	65
27) 2,4-Dimethylphenol	10.12	122	72456	82.48	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	99933	95.95	ng		97
29) 2,4-Dichlorophenol	10.61	162	64176	74.63	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	65632	67.34	ng		96
31) Naphthalene	11.02	128	223147	79.97	ng		100
32) Benzoic acid	10.30	122	65142	80.75	ng	#	77
33) 4-Chloroaniline	11.12	127	104141	89.35	ng	#	91
34) Hexachlorobutadiene	11.30	225	40389	61.93	ng		93
35) Caprolactam	11.93	113	30437	104.75	ng	#	88
36) 4-Chloro-3-methylphenol	12.23	107	96709	91.74	ng		87
37) 2-Methylnaphthalene	12.61	142	157412	80.32	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	84823	67.11	ng	#	97
40) Hexachlorocyclopentadiene	12.95	237	50202	60.40	ng		97
42) 2,4,6-Trichlorophenol	13.20	196	60380	76.17	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.27	196	64607	79.33	ng	#	89
45) 1,1'-Biphenyl	13.60	154	226456	78.62	ng		96
46) 2-Chloronaphthalene	13.65	162	170919	78.21	ng		97
47) 2-Nitroaniline	13.85	65	80069	113.07	ng	#	73
48) Acenaphthylene	14.49	152	282785	81.78	ng		97
49) Dimethylphthalate	14.22	163	234795	79.65	ng	#	99
50) 2,6-Dinitrotoluene	14.34	165	52300	86.24	ng	#	71
51) Acenaphthene	14.83	154	174537	74.00	ng		99
52) 3-Nitroaniline	14.67	138	54877	92.99	ng	#	68
53) 2,4-Dinitrophenol	14.87	184	29738	70.33	ng	#	78
54) Dibenzofuran	15.16	168	236762	79.25	ng		91
55) 4-Nitrophenol	14.96	139	46318	88.49	ng	#	56
56) 2,4-Dinitrotoluene	15.12	165	73410	84.41	ng	#	75
57) Fluorene	15.81	166	228596	78.65	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.38	232	50796	71.76	ng	#	94
59) Diethylphthalate	15.58	149	254635	81.95	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	115820	72.44	ng		95
61) 4-Nitroaniline	15.83	138	59177	88.07	ng	#	59
62) Azobenzene	16.09	77	275221	102.24	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	45143	79.13	ng		91
65) n-Nitrosodiphenylamine	16.01	169	193406	84.29	ng		95
66) 4-Bromophenyl-phenylether	16.69	248	67127	73.31	ng	#	86
67) Hexachlorobenzene	16.80	284	65714	68.02	ng	#	83
68) Atrazine	16.95	200	52817	62.12	ng		97
69) Pentachlorophenol	17.15	266	43134	66.14	ng		93
70) Phenanthrene	17.54	178	333943	79.80	ng		99
71) Anthracene	17.63	178	340931	80.89	ng		99
72) Carbazole	17.90	167	300829	82.67	ng		97
73) Di-n-butylphthalate	18.44	149	422960	88.18	ng	#	97
74) Fluoranthene	19.54	202	388104	73.93	ng		98
76) Benzidine	19.71	184	167830	76.11	ng		99
77) Pyrene	19.90	202	397455	85.64	ng		97
79) Butylbenzylphthalate	20.77	149	205535	106.12	ng		86
80) Benzo(a)anthracene	21.75	228	391436	81.17	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	145731	77.23	ng	#	98
82) Chrysene	21.82	228	370626	79.80	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	301671	100.86	ng		94
84) Di-n-octyl phthalate	22.87	149	496880	99.13	ng		99
85) Indeno(1,2,3-cd)pyrene	28.80	276	415142	74.14	ng	#	100
87) Benzo(b)fluoranthene	24.01	252	376484	80.02	ng		96
88) Benzo(k)fluoranthene	24.08	252	376371	81.15	ng		97
89) Benzo(a)pyrene	24.89	252	366439	81.13	ng		96
90) Dibenzo(a,h)anthracene	28.87	278	352885	77.50	ng		96
91) Benzo(g,h,i)perylene	29.98	276	335695	76.54	ng		94

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

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