Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021130.D
Acq On : 28 Feb 2016 00:55
Operator : UM/SJ
Sample : PB88567BSD
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88567BSD

Manual Integrations APPROVED
Sohil
2/29/2016 12:39:06 PM

Quant Time: Feb 29 03:02:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	7102	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	34287	20.00	ng		-0.01
38) Acenaphthene-d10	14.77	164	21653	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	55297	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	61586	20.00	ng		-0.02
86) Perylene-d12	25.05	264	55456	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	44037	108.56	ng		0.00
7) Phenol-d6	7.31	99	70545	116.86	ng		-0.01
23) Nitrobenzene-d5	9.33	82	71762	99.72	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	23833	83.95	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	140673	83.13	ng		0.00
78) Terphenyl-d14	20.10	244	259103	98.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	6529	34.76	ng		86
3) Pyridine	4.01	79	21333	38.83	ng		95
4) n-Nitrosodimethylamine	3.92	42	11492	41.26	ng		99
6) Aniline	7.49	93	31418	42.08	ng	#	88
8) 2-Chlorophenol	7.73	128	24627	48.68	ng		88
9) Benzaldehyde	7.30	77	3715	11.36	ng		85
10) Phenol	7.34	94	34899	56.44	ng		80
11) bis(2-Chloroethyl)ether	7.58	93	23477	49.53	ng		95
12) 1,3-Dichlorobenzene	8.06	146	22592	41.95	ng	#	92
13) 1,4-Dichlorobenzene	8.20	146	22827	39.68	ng		95
14) 1,2-Dichlorobenzene	8.52	146	22249	40.85	ng		94
15) Benzyl Alcohol	8.40	79	29530	56.00	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.70	45	34355	63.21	ng		95
17) 2-Methylphenol	8.59	107	23529	53.90	ng	#	90
18) Hexachloroethane	9.26	117	9365	43.04	ng		87
19) n-Nitroso-di-n-propylamine	8.97	70	24156	51.88	ng		94
20) 3+4-Methylphenols	8.92	107	33183	54.83	ng		93
22) Acetophenone	8.99	105	39607	41.85	ng	#	95
24) Nitrobenzene	9.37	77	36280	48.80	ng	#	86
25) Isophorone	9.90	82	66357	49.20	ng		95
26) 2-Nitrophenol	10.08	139	13356	42.49	ng	#	68
27) 2,4-Dimethylphenol	10.13	122	26560	47.91	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	34376	52.30	ng		98
29) 2,4-Dichlorophenol	10.61	162	24575	45.28	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	22962	37.33	ng		98
31) Naphthalene	11.02	128	75583	42.92	ng		99
32) Benzoic acid	10.26	122	20326	39.92	ng		85
33) 4-Chloroaniline	11.13	127	20720	28.17	ng		95
34) Hexachlorobutadiene	11.31	225	14452	35.11	ng		88
35) Caprolactam	11.90	113	10425m	56.85	ng		
36) 4-Chloro-3-methylphenol	12.23	107	34316	51.58	ng		87
37) 2-Methylnaphthalene	12.62	142	55738	45.06	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	28558	35.69	ng	#	97
40) Hexachlorocyclopentadiene	12.96	237	38767	73.68	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	22342	44.52	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	24632	47.78	ng		92
45) 1,1'-Biphenyl	13.61	154	73047	40.06	ng		95
46) 2-Chloronaphthalene	13.66	162	57931	41.87	ng		97
47) 2-Nitroaniline	13.85	65	27797	62.01	ng	#	73
48) Acenaphthylene	14.50	152	96839	44.24	ng		99
49) Dimethylphthalate	14.22	163	84791	45.44	ng		99
50) 2,6-Dinitrotoluene	14.34	165	18731	48.79	ng	#	73
51) Acenaphthene	14.84	154	62382	41.78	ng		97
52) 3-Nitroaniline	14.67	138	14761	39.51	ng	#	70
53) 2,4-Dinitrophenol	14.87	184	26041	97.28	ng	#	86
54) Dibenzofuran	15.17	168	93932	49.66	ng		92
55) 4-Nitrophenol	14.97	139	37156	112.13	ng	#	62
56) 2,4-Dinitrotoluene	15.13	165	27608	50.14	ng	#	80
57) Fluorene	15.81	166	83434	45.34	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	22773	50.82	ng	#	97
59) Diethylphthalate	15.58	149	94611	48.10	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	41062	40.57	ng		97
61) 4-Nitroaniline	15.83	138	22941	53.93	ng	#	54
62) Azobenzene	16.10	77	106222	62.34	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	17464	43.06	ng		93
65) n-Nitrosodiphenylamine	16.02	169	76355	46.80	ng		93
66) 4-Bromophenyl-phenylether	16.69	248	25616	39.35	ng	#	87
67) Hexachlorobenzene	16.81	284	25816	37.59	ng	#	85
68) Atrazine	16.96	200	29577	48.93	ng		98
69) Pentachlorophenol	17.15	266	37110	80.04	ng		92
70) Phenanthrene	17.55	178	137944	46.36	ng		99
71) Anthracene	17.64	178	139658	46.61	ng		97
72) Carbazole	17.90	167	132411	51.18	ng		98
73) Di-n-butylphthalate	18.46	149	173618	50.91	ng	#	97
74) Fluoranthene	19.54	202	170359	45.64	ng		98
76) Benzidine	19.72	184	76474	47.20	ng		98
77) Pyrene	19.90	202	175579	51.49	ng		99
79) Butylbenzylphthalate	20.78	149	78809	55.38	ng	#	85
80) Benzo(a)anthracene	21.75	228	171195	48.31	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	31630	22.81	ng		97
82) Chrysene	21.82	228	150167	44.00	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	115896	52.73	ng	#	99
84) Di-n-octyl phthalate	22.88	149	196773	53.42	ng		98
85) Indeno(1,2,3-cd)pyrene	28.80	276	176149	42.81	ng	#	100
87) Benzo(b)fluoranthene	24.01	252	166015	47.89	ng		98
88) Benzo(k)fluoranthene	24.08	252	158735	46.45	ng		98
89) Benzo(a)pyrene	24.90	252	157754	47.41	ng		95
90) Dibenzo(a,h)anthracene	28.86	278	148444	44.25	ng		97
91) Benzo(g,h,i)perylene	29.98	276	141764	43.88	ng		97

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

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