Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060716\
Data File : BG022210.D
Acq On : 7 Jun 2016 18:47
Operator : UM/SJ
Sample : PB91119BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91119BS

Quant Time: Jun 08 03:22:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27714	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	142251	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	89073	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	211895	20.00	ng		0.00
75) Chrysene-d12	21.76	240	199546	20.00	ng		0.00
86) Perylene-d12	25.06	264	193888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	199536	139.21	ng		0.00
7) Phenol-d6	7.28	99	312305	138.58	ng		0.00
23) Nitrobenzene-d5	9.29	82	166508	81.61	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	134040	133.18	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	481742	82.42	ng		0.00
78) Terphenyl-d14	20.08	244	716853	85.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	15538	22.61	ng	#	74
3) Pyridine	3.92	79	49129	26.45	ng		99
4) n-Nitrosodimethylamine	3.84	42	13736	33.08	ng		88
6) Aniline	7.44	93	95605	33.39	ng	#	82
8) 2-Chlorophenol	7.68	128	82610	41.70	ng	#	78
9) Benzaldehyde	7.26	77	4290	3.46	ng	#	55
10) Phenol	7.31	94	104043	44.78	ng		82
11) bis(2-Chloroethyl)ether	7.53	93	67080	36.21	ng	#	71
12) 1,3-Dichlorobenzene	8.00	146	72176	33.99	ng	#	91
13) 1,4-Dichlorobenzene	8.16	146	74841	35.37	ng		93
14) 1,2-Dichlorobenzene	8.47	146	74462	34.91	ng		92
15) Benzyl Alcohol	8.36	79	56329	38.69	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.64	45	69910	36.37	ng		80
17) 2-Methylphenol	8.56	107	74599	43.02	ng	#	87
18) Hexachloroethane	9.20	117	26434	34.21	ng	#	76
19) n-Nitroso-di-n-propylamine	8.92	70	57520	37.70	ng	#	68
20) 3+4-Methylphenols	8.89	107	102158	41.08	ng		95
22) Acetophenone	8.94	105	116341	37.95	ng	#	80
24) Nitrobenzene	9.33	77	82621	40.27	ng	#	77
25) Isophorone	9.85	82	180654	37.84	ng	#	91
26) 2-Nitrophenol	10.05	139	42989	38.64	ng	#	75
27) 2,4-Dimethylphenol	10.10	122	86041	42.73	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	107271	39.22	ng		95
29) 2,4-Dichlorophenol	10.59	162	83985	45.02	ng		93
30) 1,2,4-Trichlorobenzene	10.80	180	76983	36.93	ng		97
31) Naphthalene	10.99	128	267969	37.74	ng	#	96
32) Benzoic acid	10.24	122	24214	38.92	ng	#	88
33) 4-Chloroaniline	11.10	127	98962	33.52	ng	#	88
34) Hexachlorobutadiene	11.26	225	41089	36.72	ng		97
35) Caprolactam	11.86	113	37833m	36.97	ng		
36) 4-Chloro-3-methylphenol	12.22	107	96521	43.65	ng	#	81
37) 2-Methylnaphthalene	12.58	142	203317	38.79	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	90661	39.54	ng		99
40) Hexachlorocyclopentadiene	12.92	237	84333	72.65	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	67158	43.66	ng		98
43) 2,4,5-Trichlorophenol	13.27	196	72088	42.42	ng		94
45) 1,1'-Biphenyl	13.58	154	276023	41.18	ng		96
46) 2-Chloronaphthalene	13.63	162	213280	41.51	ng		97
47) 2-Nitroaniline	13.84	65	50394	41.13	ng	#	55
48) Acenaphthylene	14.47	152	370479	41.09	ng		98
49) Dimethylphthalate	14.20	163	293263	39.71	ng		100
50) 2,6-Dinitrotoluene	14.32	165	66845	41.63	ng	#	78
51) Acenaphthene	14.81	154	219578	40.65	ng		98
52) 3-Nitroaniline	14.66	138	54766	30.75	ng	#	78
53) 2,4-Dinitrophenol	14.87	184	48375	74.63	ng	#	71
54) Dibenzofuran	15.14	168	346455	41.10	ng		97
55) 4-Nitrophenol	14.98	139	107918	87.81	ng	#	70
56) 2,4-Dinitrotoluene	15.11	165	94593	43.92	ng	#	78
57) Fluorene	15.79	166	296535	40.83	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	61987	40.67	ng		94
59) Diethylphthalate	15.55	149	315235	39.96	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	135883	41.32	ng		94
61) 4-Nitroaniline	15.82	138	74101	39.24	ng	#	75
62) Azobenzene	16.07	77	254125	42.54	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	39801	38.30	ng		83
65) n-Nitrosodiphenylamine	16.00	169	258724	42.39	ng		100
66) 4-Bromophenyl-phenylether	16.67	248	82150	41.38	ng		93
67) Hexachlorobenzene	16.79	284	91047	39.35	ng		99
68) Atrazine	16.94	200	88205	39.04	ng		97
69) Pentachlorophenol	17.15	266	80289	76.83	ng		96
70) Phenanthrene	17.53	178	468835	40.74	ng		99
71) Anthracene	17.62	178	467619	40.97	ng		98
72) Carbazole	17.89	167	438976	40.61	ng		99
73) Di-n-butylphthalate	18.43	149	560242	39.64	ng		99
74) Fluoranthene	19.54	202	524018	39.61	ng		98
76) Benzidine	19.72	184	231368	44.34	ng		97
77) Pyrene	19.90	202	520936	41.99	ng		99
79) Butylbenzylphthalate	20.77	149	240263	41.76	ng		89
80) Benzo(a)anthracene	21.75	228	466823	41.72	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	100759	32.07	ng	#	99
82) Chrysene	21.82	228	450605	41.38	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	356893	42.18	ng		98
84) Di-n-octyl phthalate	22.85	149	604245	43.01	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.83	276	524570	42.94	ng	#	86
87) Benzo(b)fluoranthene	24.02	252	468091	41.39	ng	#	96
88) Benzo(k)fluoranthene	24.08	252	458688	41.21	ng	#	97
89) Benzo(a)pyrene	24.91	252	459057	42.46	ng		97
90) Dibenzo(a,h)anthracene	28.89	278	435056	42.72	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	436029	41.16	ng	#	94

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

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