Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
Data File : BG025991.D
Acq On : 28 Feb 2017 8:59
Operator : SJ/MA
Sample : I1996-03MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Manual Integrations APPROVED
mohammad
3/1/2017 12:38:06 PM

Quant Time: Feb 28 15:13:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	95137	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	483601	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	348232	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	859584	20.00	ng		0.00
75) Chrysene-d12	21.66	240	852802	20.00	ng		-0.02
86) Perylene-d12	24.85	264	855084	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	762305	139.50	ng		-0.01
7) Phenol-d6	7.23	99	1113958	137.76	ng		0.00
23) Nitrobenzene-d5	9.23	82	604531	78.89	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	528734	164.34	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1663193	83.46	ng		-0.01
78) Terphenyl-d14	20.00	244	2256130	64.34	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	70891	28.39	ng	#	81
3) Pyridine	3.93	79	208979	28.08	ng	#	71
4) n-Nitrosodimethylamine	3.84	42	90447	33.79	ng	#	35
6) Aniline	7.40	93	246841	21.96	ng	#	92
8) 2-Chlorophenol	7.64	128	283562	43.66	ng		87
9) Benzaldehyde	7.21	77	79072	16.50	ng	#	67
10) Phenol	7.26	94	405409	46.14	ng	#	73
11) bis(2-Chloroethyl)ether	7.49	93	256685	35.54	ng		87
12) 1,3-Dichlorobenzene	7.97	146	270066	35.97	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	281822	37.06	ng		94
14) 1,2-Dichlorobenzene	8.43	146	280278	37.54	ng		91
15) Benzyl Alcohol	8.30	79	259114	43.76	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	326067	31.11	ng		89
17) 2-Methylphenol	8.51	107	304732	48.14	ng	#	83
18) Hexachloroethane	9.17	117	90515	35.91	ng		87
19) n-Nitroso-di-n-propylamine	8.87	70	225690	38.21	ng	#	80
20) 3+4-Methylphenols	8.84	107	455374	50.49	ng		87
22) Acetophenone	8.89	105	441589	38.05	ng	#	79
24) Nitrobenzene	9.27	77	313756	37.86	ng	#	78
25) Isophorone	9.80	82	661969	39.25	ng	#	92
26) 2-Nitrophenol	9.98	139	175619	45.32	ng	#	67
27) 2,4-Dimethylphenol	10.04	122	422646	58.44	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	406688	38.05	ng		99
29) 2,4-Dichlorophenol	10.52	162	342618	49.63	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	293250	39.06	ng		98
31) Naphthalene	10.93	128	1006582	40.26	ng		99
32) Benzoic acid	10.14	122	134863	24.42	ng	#	78
33) 4-Chloroaniline	11.03	127	77227	7.11	ng	#	85
34) Hexachlorobutadiene	11.22	225	159652	37.37	ng		98
35) Caprolactam	11.79	113	147234m	52.82	ng		
36) 4-Chloro-3-methylphenol	12.14	107	402430	48.73	ng	#	82
37) 2-Methylnaphthalene	12.52	142	833327	43.76	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	355903	40.78	ng		98
40) Hexachlorocyclopentadiene	12.87	237	322129	67.45	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	297846	52.84	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	320144	50.03	ng		93
45) 1,1'-Biphenyl	13.52	154	1068972	42.36	ng		98
46) 2-Chloronaphthalene	13.56	162	791017	43.36	ng		97
47) 2-Nitroaniline	13.76	65	275147	47.55	ng	#	67
48) Acenaphthylene	14.40	152	1378141	42.43	ng		99
49) Dimethylphthalate	14.13	163	1666985	69.78	ng		99
50) 2,6-Dinitrotoluene	14.25	165	262311	48.88	ng	#	64
51) Acenaphthene	14.74	154	994906	46.38	ng		96
52) 3-Nitroaniline	14.57	138	126405	21.06	ng	#	68
53) 2,4-Dinitrophenol	14.78	184	248723	88.57	ng	#	85
54) Dibenzofuran	15.08	168	1346641	47.09	ng		91
55) 4-Nitrophenol	14.88	139	500860	102.52	ng	#	45
56) 2,4-Dinitrotoluene	15.03	165	375156	51.96	ng	#	76
57) Fluorene	15.72	166	1127933	44.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	310684	55.03	ng		99
59) Diethylphthalate	15.49	149	1148445	46.48	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	534024	45.10	ng		92
61) 4-Nitroaniline	15.73	138	293819	47.22	ng	#	53
62) Azobenzene	16.00	77	1005101	47.32	ng		86
64) 4,6-Dinitro-2-methylphenol	15.79	198	213857	42.51	ng		90
65) n-Nitrosodiphenylamine	15.92	169	1042391	39.99	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	357572	39.69	ng		97
67) Hexachlorobenzene	16.72	284	371355	39.99	ng		95
68) Atrazine	16.86	200	374776	40.62	ng		95
69) Pentachlorophenol	17.06	266	488378	85.26	ng		97
70) Phenanthrene	17.45	178	1772966	38.00	ng		98
71) Anthracene	17.54	178	1823085	38.32	ng		99
72) Carbazole	17.80	167	1704540	35.67	ng		97
73) Di-n-butylphthalate	18.36	149	1940765	41.37	ng	#	94
74) Fluoranthene	19.45	202	1920545	37.38	ng		94
76) Benzidine	19.62	184	924073	34.33	ng		99
77) Pyrene	19.81	202	1943058	36.03	ng		99
79) Butylbenzylphthalate	20.69	149	867454	42.38	ng	#	85
80) Benzo(a)anthracene	21.63	228	1863427	37.42	ng		97
81) 3,3'-Dichlorobenzidine	21.55	252	316545	17.83	ng	#	98
82) Chrysene	21.70	228	1691575	35.33	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1245785	42.15	ng		98
84) Di-n-octyl phthalate	22.74	149	2147310	44.00	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.51	276	2249663	39.89	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	1902417	37.15	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	1874620	37.52	ng	#	93
89) Benzo(a)pyrene	24.71	252	1856017	38.27	ng	#	94
90) Dibenzo(a,h)anthracene	28.56	278	1852331	38.02	ng	#	93
91) Benzo(g,h,i)perylene	29.65	276	1841274	37.70	ng	#	88

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

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