Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
Data File : BG025992.D
Acq On : 28 Feb 2017 9:38
Operator : SJ/MA
Sample : I1996-04MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMSD

Manual Integrations APPROVED
mohammad
3/1/2017 12:38:03 PM

Quant Time: Feb 28 15:17:35 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	8.08	152	94464	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	483769	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	349994	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	857270	20.00	ng		0.00
75) Chrysene-d12	21.66	240	855551	20.00	ng		-0.02
86) Perylene-d12	24.85	264	844402	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	964114	177.69	ng		0.00
7) Phenol-d6	7.23	99	1367480	170.32	ng		0.00
23) Nitrobenzene-d5	9.23	82	756435	98.68	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	650265	201.10	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	2035861	101.64	ng		-0.01
78) Terphenyl-d14	20.01	244	2754838	78.31	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	85631	34.53	ng	#	81
3) Pyridine	3.93	79	260407	35.24	ng	#	70
4) n-Nitrosodimethylamine	3.84	42	106674	40.14	ng	#	31
6) Aniline	7.40	93	205500	18.41	ng	#	88
8) 2-Chlorophenol	7.64	128	347310	53.86	ng		87
9) Benzaldehyde	7.21	77	99779	20.97	ng	#	66
10) Phenol	7.26	94	492202	56.41	ng	#	71
11) bis(2-Chloroethyl)ether	7.49	93	307587	42.89	ng		88
12) 1,3-Dichlorobenzene	7.97	146	334580	44.88	ng	#	86
13) 1,4-Dichlorobenzene	8.12	146	339794m	45.00	ng		
14) 1,2-Dichlorobenzene	8.43	146	337735	45.56	ng	#	92
15) Benzyl Alcohol	8.31	79	306288	52.09	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.61	45	396638	38.11	ng		88
17) 2-Methylphenol	8.51	107	376775	59.94	ng	#	82
18) Hexachloroethane	9.17	117	113928	45.52	ng		89
19) n-Nitroso-di-n-propylamine	8.88	70	265270	45.24	ng	#	80
20) 3+4-Methylphenols	8.84	107	563963	62.98	ng		87
22) Acetophenone	8.89	105	534149	46.01	ng	#	79
24) Nitrobenzene	9.27	77	383638	46.28	ng	#	79
25) Isophorone	9.80	82	789200	46.78	ng	#	92
26) 2-Nitrophenol	9.99	139	213481	55.07	ng	#	66
27) 2,4-Dimethylphenol	10.04	122	514767	71.15	ng		86
28) bis(2-Chloroethoxy)methane	10.28	93	485791	45.44	ng		98
29) 2,4-Dichlorophenol	10.52	162	409603	59.32	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	358021	47.67	ng		96
31) Naphthalene	10.93	128	1216285	48.63	ng		100
32) Benzoic acid	10.14	122	134401	24.33	ng	#	78
33) 4-Chloroaniline	11.03	127	38032	3.50	ng	#	85
34) Hexachlorobutadiene	11.22	225	190920	44.68	ng		96
35) Caprolactam	11.79	113	177776m	63.75	ng		
36) 4-Chloro-3-methylphenol	12.15	107	476244	57.64	ng	#	80
37) 2-Methylnaphthalene	12.52	142	992323	52.09	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	428615	48.86	ng		98
40) Hexachlorocyclopentadiene	12.87	237	337342	70.28	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	362795	64.04	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	386187	60.05	ng	#	93
45) 1,1'-Biphenyl	13.52	154	1262025	49.76	ng		98
46) 2-Chloronaphthalene	13.56	162	930501	50.75	ng		98
47) 2-Nitroaniline	13.76	65	322751	55.50	ng	#	68
48) Acenaphthylene	14.40	152	1621126	49.65	ng		99
49) Dimethylphthalate	14.13	163	1916654	79.82	ng		99
50) 2,6-Dinitrotoluene	14.25	165	315291	58.46	ng	#	66
51) Acenaphthene	14.74	154	1179510	54.71	ng		99
52) 3-Nitroaniline	14.57	138	87619	14.52	ng	#	68
53) 2,4-Dinitrophenol	14.78	184	296286	104.97	ng	#	85
54) Dibenzofuran	15.08	168	1592716	55.41	ng		92
55) 4-Nitrophenol	14.88	139	600038	122.21	ng	#	48
56) 2,4-Dinitrotoluene	15.03	165	450473	62.08	ng	#	78
57) Fluorene	15.72	166	1333021	51.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	378738	66.75	ng		99
59) Diethylphthalate	15.49	149	1352696	54.47	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	632631	53.15	ng		92
61) 4-Nitroaniline	15.74	138	337470	53.96	ng	#	53
62) Azobenzene	16.00	77	1188017	55.65	ng		85
64) 4,6-Dinitro-2-methylphenol	15.79	198	262753	52.37	ng		90
65) n-Nitrosodiphenylamine	15.92	169	1222062	47.00	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	430006	47.86	ng		97
67) Hexachlorobenzene	16.72	284	436309	47.12	ng		94
68) Atrazine	16.86	200	442573	48.10	ng		98
69) Pentachlorophenol	17.06	266	588948	103.10	ng		97
70) Phenanthrene	17.45	178	2080366	44.70	ng		98
71) Anthracene	17.55	178	2146799	45.25	ng		99
72) Carbazole	17.80	167	2004824	42.06	ng		97
73) Di-n-butylphthalate	18.36	149	2264984	48.41	ng	#	95
74) Fluoranthene	19.45	202	2268593	44.27	ng		95
76) Benzidine	19.62	184	1008916	37.36	ng		98
77) Pyrene	19.81	202	2267930	41.91	ng		99
79) Butylbenzylphthalate	20.69	149	1021714	49.76	ng		86
80) Benzo(a)anthracene	21.64	228	2189909	43.84	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	305312	17.15	ng	#	98
82) Chrysene	21.71	228	2018213	42.02	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1478122	49.85	ng		98
84) Di-n-octyl phthalate	22.75	149	2566161	52.41	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.51	276	2704357	47.80	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	2355177	46.57	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	2156988	43.71	ng	#	94
89) Benzo(a)pyrene	24.71	252	2223196	46.43	ng	#	95
90) Dibenzo(a,h)anthracene	28.57	278	2216587	46.07	ng	#	93
91) Benzo(g,h,i)perylene	29.65	276	2241403	46.47	ng	#	87

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

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