Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025944.D
Acq On : 24 Feb 2017 23:00
Operator : SJ/MA
Sample : I1973-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-Y6-BASEMSD

Manual Integrations APPROVED
mohammad
2/27/2017 1:07:04 PM

Quant Time: Feb 25 02:32:56 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	88228	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	448618	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	306376	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	735396	20.00	ng		0.00
75) Chrysene-d12	21.66	240	747866	20.00	ng		-0.02
86) Perylene-d12	24.87	264	730430	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	932466	184.00	ng		0.00
7) Phenol-d6	7.24	99	1359022	181.23	ng		0.00
23) Nitrobenzene-d5	9.24	82	743487	104.59	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	603291	213.13	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1844228	105.18	ng		0.00
78) Terphenyl-d14	20.01	244	2429878	79.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	93884	40.54	ng	#	87
3) Pyridine	3.94	79	268804	38.95	ng	#	76
4) n-Nitrosodimethylamine	3.85	42	113215	45.61	ng	#	26
6) Aniline	7.40	93	354671	34.02	ng	#	91
8) 2-Chlorophenol	7.65	128	351407	58.34	ng		87
9) Benzaldehyde	7.21	77	120710	27.16	ng	#	73
10) Phenol	7.27	94	574902	70.55	ng	#	73
11) bis(2-Chloroethyl)ether	7.50	93	310639	46.38	ng		90
12) 1,3-Dichlorobenzene	7.97	146	329028	47.26	ng	#	89
13) 1,4-Dichlorobenzene	8.11	146	334060	47.37	ng		94
14) 1,2-Dichlorobenzene	8.44	146	331876	47.93	ng		90
15) Benzyl Alcohol	8.31	79	323947	58.99	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.61	45	426415	43.87	ng		92
17) 2-Methylphenol	8.51	107	338641	57.68	ng	#	84
18) Hexachloroethane	9.17	117	110603	47.32	ng		90
19) n-Nitroso-di-n-propylamine	8.88	70	275831	50.36	ng	#	82
20) 3+4-Methylphenols	8.84	107	480688	57.47	ng		87
22) Acetophenone	8.90	105	526941	48.95	ng	#	80
24) Nitrobenzene	9.28	77	379207	49.33	ng	#	81
25) Isophorone	9.81	82	799825	51.13	ng	#	90
26) 2-Nitrophenol	9.99	139	209227	58.20	ng	#	71
27) 2,4-Dimethylphenol	10.05	122	396683	59.13	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	483402	48.76	ng		97
29) 2,4-Dichlorophenol	10.53	162	396128	61.86	ng		94
30) 1,2,4-Trichlorobenzene	10.75	180	347049	49.83	ng		99
31) Naphthalene	10.93	128	1121349	48.35	ng		100
32) Benzoic acid	10.11	122	50934	9.94	ng	#	70
33) 4-Chloroaniline	11.03	127	214244	21.27	ng	#	85
34) Hexachlorobutadiene	11.22	225	185247	46.75	ng		98
35) Caprolactam	11.80	113	163480m	63.22	ng		
36) 4-Chloro-3-methylphenol	12.14	107	464308	60.60	ng	#	81
37) 2-Methylnaphthalene	12.53	142	916149	51.86	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	413910	53.90	ng		98
40) Hexachlorocyclopentadiene	12.88	237	428791	102.05	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	338648	68.28	ng		97
43) 2,4,5-Trichlorophenol	13.20	196	357435	63.49	ng		94
45) 1,1'-Biphenyl	13.53	154	1218736	54.89	ng		99
46) 2-Chloronaphthalene	13.57	162	885155	55.15	ng		99
47) 2-Nitroaniline	13.76	65	322655	63.38	ng	#	74
48) Acenaphthylene	14.41	152	1556034	54.45	ng		99
49) Dimethylphthalate	14.14	163	1576893	75.02	ng		99
50) 2,6-Dinitrotoluene	14.25	165	293270	62.12	ng	#	66
51) Acenaphthene	14.75	154	1017752	53.92	ng		99
52) 3-Nitroaniline	14.58	138	193987	36.73	ng	#	76
53) 2,4-Dinitrophenol	14.79	184	270143	109.34	ng	#	82
54) Dibenzofuran	15.08	168	1492941	59.33	ng		91
55) 4-Nitrophenol	14.88	139	552714	128.60	ng	#	49
56) 2,4-Dinitrotoluene	15.04	165	409398	64.45	ng	#	80
57) Fluorene	15.72	166	1248483	55.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	350181	70.51	ng		99
59) Diethylphthalate	15.49	149	1266313	58.25	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	585940	56.24	ng		93
61) 4-Nitroaniline	15.74	138	327022	59.73	ng	#	56
62) Azobenzene	16.00	77	1149242	61.50	ng		87
64) 4,6-Dinitro-2-methylphenol	15.80	198	230844	53.64	ng		91
65) n-Nitrosodiphenylamine	15.93	169	1138955	51.07	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	397009	51.51	ng		98
67) Hexachlorobenzene	16.73	284	404167	50.88	ng		95
68) Atrazine	16.87	200	413036	52.33	ng		97
69) Pentachlorophenol	17.07	266	523061	106.74	ng		97
70) Phenanthrene	17.46	178	1905637	47.73	ng		98
71) Anthracene	17.55	178	1987352	48.83	ng		99
72) Carbazole	17.81	167	1868185	45.69	ng		97
73) Di-n-butylphthalate	18.37	149	2075781	51.72	ng	#	95
74) Fluoranthene	19.46	202	2077437	47.26	ng		95
76) Benzidine	19.62	184	985113	41.73	ng		99
77) Pyrene	19.82	202	2103671	44.48	ng		100
79) Butylbenzylphthalate	20.69	149	959815	53.47	ng		89
80) Benzo(a)anthracene	21.65	228	2040762	46.74	ng		100
81) 3,3'-Dichlorobenzidine	21.56	252	486769	31.27	ng	#	97
82) Chrysene	21.71	228	1872939	44.61	ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	1374243	53.02	ng		98
84) Di-n-octyl phthalate	22.76	149	2352689	54.97	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.53	276	2471847	49.98	ng	#	87
87) Benzo(b)fluoranthene	23.85	252	2133668	48.77	ng	#	97
88) Benzo(k)fluoranthene	23.92	252	2022034	47.37	ng	#	94
89) Benzo(a)pyrene	24.72	252	2028382	48.97	ng	#	94
90) Dibenzo(a,h)anthracene	28.60	278	2055920	49.40	ng	#	91
91) Benzo(g,h,i)perylene	29.68	276	2030052	48.65	ng	#	89

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

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