Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
Data File : BG026427.D
Acq On : 24 Mar 2017 23:07
Operator : SJ/MA
Sample : I2379-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4MS

Quant Time: Mar 24 23:55:01 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	131523	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	565894	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	358706	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	887625	20.00	ng		0.00
75) Chrysene-d12	21.63	240	988734	20.00	ng		0.00
86) Perylene-d12	24.81	264	999119	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1222452	164.97	ng		0.00
7) Phenol-d6	7.21	99	1621242	162.97	ng		0.00
23) Nitrobenzene-d5	9.20	82	864515	91.86	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	767359	186.81	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2317049	90.59	ng		0.00
78) Terphenyl-d14	19.98	244	3162076	77.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	125408	37.70	ng	#	71
3) Pyridine	3.90	79	316651	34.76	ng	#	61
4) n-Nitrosodimethylamine	3.81	42	109796	44.10	ng	#	1
6) Aniline	7.37	93	425737	32.04	ng	#	84
8) 2-Chlorophenol	7.61	128	449320	53.85	ng	#	77
9) Benzaldehyde	7.18	77	104881	15.62	ng	#	69
10) Phenol	7.24	94	574625	54.13	ng	#	69
11) bis(2-Chloroethyl)ether	7.46	93	405004	46.52	ng	#	80
12) 1,3-Dichlorobenzene	7.93	146	488024	49.13	ng	#	86
13) 1,4-Dichlorobenzene	8.08	146	490980m	48.86	ng		
14) 1,2-Dichlorobenzene	8.40	146	473671	49.26	ng	#	91
15) Benzyl Alcohol	8.28	79	337886	51.80	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.57	45	381623	39.47	ng		81
17) 2-Methylphenol	8.48	107	393619	52.21	ng	#	81
18) Hexachloroethane	9.12	117	152413	46.39	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	297613	46.54	ng	#	69
20) 3+4-Methylphenols	8.81	107	554091	53.38	ng		84
22) Acetophenone	8.86	105	647131	49.73	ng	#	73
24) Nitrobenzene	9.24	77	426343	45.88	ng	#	72
25) Isophorone	9.77	82	861992	48.60	ng	#	88
26) 2-Nitrophenol	9.95	139	270640	55.97	ng	#	62
27) 2,4-Dimethylphenol	10.01	122	451522	56.89	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	565097	49.04	ng		98
29) 2,4-Dichlorophenol	10.49	162	482564	60.12	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	477844	53.00	ng		99
31) Naphthalene	10.89	128	1397405	48.84	ng		100
32) Benzoic acid	10.12	122	115785	18.96	ng	#	72
33) 4-Chloroaniline	11.00	127	150349	12.92	ng	#	81
34) Hexachlorobutadiene	11.18	225	269155	50.60	ng		94
35) Caprolactam	11.77	113	176019m	55.66	ng		
36) 4-Chloro-3-methylphenol	12.12	107	486126	56.62	ng	#	72
37) 2-Methylnaphthalene	12.49	142	1097392	52.36	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	529712	49.08	ng		97
40) Hexachlorocyclopentadiene	12.84	237	559253	98.44	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	396862	56.16	ng		94
43) 2,4,5-Trichlorophenol	13.17	196	430860	55.16	ng	#	91
45) 1,1'-Biphenyl	13.49	154	1424053	47.94	ng		98
46) 2-Chloronaphthalene	13.53	162	1076232	49.60	ng		97
47) 2-Nitroaniline	13.73	65	290474	47.08	ng	#	47
48) Acenaphthylene	14.38	152	1804998	47.72	ng		99
49) Dimethylphthalate	14.10	163	1606309	59.33	ng		100
50) 2,6-Dinitrotoluene	14.22	165	349543	55.32	ng	#	55
51) Acenaphthene	14.71	154	1139367	48.92	ng		100
52) 3-Nitroaniline	14.55	138	208478	29.96	ng	#	69
53) 2,4-Dinitrophenol	14.76	184	386022	105.31	ng	#	74
54) Dibenzofuran	15.05	168	1743010	53.15	ng		90
55) 4-Nitrophenol	14.87	139	635877	111.60	ng	#	35
56) 2,4-Dinitrotoluene	15.01	165	497233	55.95	ng	#	65
57) Fluorene	15.69	166	1448746	49.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	416612	61.15	ng	#	95
59) Diethylphthalate	15.46	149	1444476	52.20	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	721865	52.20	ng		89
61) 4-Nitroaniline	15.71	138	393277	53.43	ng	#	50
62) Azobenzene	15.97	77	1133970	50.40	ng		78
64) 4,6-Dinitro-2-methylphenol	15.78	198	314624	56.22	ng	#	81
65) n-Nitrosodiphenylamine	15.89	169	1311920	50.36	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	495429	54.23	ng		94
67) Hexachlorobenzene	16.70	284	518680	53.22	ng		90
68) Atrazine	16.83	200	493152	50.01	ng		96
69) Pentachlorophenol	17.04	266	667530	105.35	ng		96
70) Phenanthrene	17.43	178	2272400	47.67	ng		99
71) Anthracene	17.51	178	2360655	48.54	ng		96
72) Carbazole	17.78	167	2275822	45.45	ng		97
73) Di-n-butylphthalate	18.33	149	2492250	48.45	ng	#	95
74) Fluoranthene	19.42	202	2667117	47.58	ng		97
76) Benzidine	19.60	184	1148713	33.70	ng		98
77) Pyrene	19.79	202	2708680	47.31	ng		98
79) Butylbenzylphthalate	20.66	149	1174240	51.26	ng	#	84
80) Benzo(a)anthracene	21.61	228	2667255	47.94	ng		98
81) 3,3'-Dichlorobenzidine	21.52	252	654174	28.72	ng		99
82) Chrysene	21.67	228	2432238	45.75	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1696975	49.05	ng		97
84) Di-n-octyl phthalate	22.70	149	2879562	48.77	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.44	276	3462701	52.76	ng	#	87
87) Benzo(b)fluoranthene	23.80	252	2928822	49.73	ng	#	96
88) Benzo(k)fluoranthene	23.87	252	2721485	47.65	ng	#	96
89) Benzo(a)pyrene	24.67	252	2796924	49.51	ng	#	96
90) Dibenzo(a,h)anthracene	28.49	278	2875797	50.37	ng	#	93
91) Benzo(g,h,i)perylene	29.58	276	2874438	49.97	ng	#	87

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

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