Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032503.D
Acq On : 1 Feb 2018 23:31
Operator : SJ/JU
Sample : PB106258BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106258BS

Quant Time: Feb 02 02:51:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	26191	20.00	ng		-0.01
21) Naphthalene-d8	11.59	136	103338	20.00	ng		-0.01
38) Acenaphthene-d10	15.34	164	73458	20.00	ng		-0.01
63) Phenanthrene-d10	18.08	188	196511	20.00	ng		0.00
75) Chrysene-d12	22.41	240	259007	20.00	ng		0.00
86) Perylene-d12	26.08	264	276348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	125074	95.92	ng		0.00
7) Phenol-d6	7.84	99	153821	88.40	ng		0.00
23) Nitrobenzene-d5	9.91	82	95661	57.82	ng		-0.01
41) 2,4,6-Tribromophenol	16.82	330	131009	93.69	ng		-0.01
44) 2-Fluorobiphenyl	13.98	172	361749	58.53	ng		-0.01
78) Terphenyl-d14	20.62	244	770940	63.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	12372	28.200	ng	#	69
3) Pyridine	4.26	79	31955	26.974	ng	#	77
4) n-Nitrosodimethylamine	4.17	42	18722	30.360	ng	#	64
6) Aniline	8.01	93	26304	12.124	ng		97
8) 2-Chlorophenol	8.26	128	48948	31.756	ng		84
9) Benzaldehyde	7.81	77	14269	15.877	ng		89
10) Phenol	7.86	94	52461	31.748	ng		87
11) bis(2-Chloroethyl)ether	8.10	93	31870	25.313	ng	#	81
12) 1,3-Dichlorobenzene	8.59	146	60806	29.170	ng		98
13) 1,4-Dichlorobenzene	8.75	146	58275	27.892	ng		95
14) 1,2-Dichlorobenzene	9.08	146	56789	27.747	ng		94
15) Benzyl Alcohol	8.95	79	37877	26.412	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.23	45	31073	26.045	ng		72
17) 2-Methylphenol	9.16	107	36958	27.538	ng	#	91
18) Hexachloroethane	9.83	117	20172	28.757	ng	#	73
19) n-Nitroso-di-n-propylamine	9.52	70	28005	24.274	ng	#	91
20) 3+4-Methylphenols	9.49	107	50247	26.691	ng		89
22) Acetophenone	9.55	105	66955	27.640	ng	#	91
24) Nitrobenzene	9.96	77	48266	30.170	ng	#	86
25) Isophorone	10.47	82	82466	29.273	ng	#	82
26) 2-Nitrophenol	10.68	139	28697	29.674	ng	#	76
27) 2,4-Dimethylphenol	10.72	122	46107	33.216	ng		94
28) bis(2-Chloroethoxy)methane	10.96	93	46494	30.097	ng	#	91
29) 2,4-Dichlorophenol	11.23	162	58682	31.913	ng		88
30) 1,2,4-Trichlorobenzene	11.44	180	70100	28.603	ng		96
31) Naphthalene	11.64	128	144643	28.659	ng		99
32) Benzoic acid	10.84	122	21037	24.517	ng	#	73
33) 4-Chloroaniline	11.75	127	28185	12.521	ng	#	91
34) Hexachlorobutadiene	11.91	225	52808	27.695	ng		93
35) Caprolactam	12.48	113	15340	29.060	ng	#	42
36) 4-Chloro-3-methylphenol	12.82	107	54794	31.415	ng		94
37) 2-Methylnaphthalene	13.21	142	121582	28.674	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	98544	28.675	ng		96
40) Hexachlorocyclopentadiene	13.53	237	129060	60.106	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	55808	29.855	ng		94
43) 2,4,5-Trichlorophenol	13.87	196	65982	30.280	ng	#	91
45) 1,1'-Biphenyl	14.19	154	178055	28.690	ng		96
46) 2-Chloronaphthalene	14.24	162	139581	28.695	ng		98
47) 2-Nitroaniline	14.43	65	32133	29.872	ng	#	80
48) Acenaphthylene	15.07	152	208925	28.411	ng		99
49) Dimethylphthalate	14.77	163	189186	27.932	ng	#	98
50) 2,6-Dinitrotoluene	14.91	165	42724	30.053	ng	#	74
51) Acenaphthene	15.41	154	155965	30.582	ng		99
52) 3-Nitroaniline	15.25	138	21982	17.703	ng	#	69
53) 2,4-Dinitrophenol	15.45	184	34860	41.373	ng	#	49
54) Dibenzofuran	15.74	168	228393	30.257	ng		97
55) 4-Nitrophenol	15.54	139	54070	58.164	ng	#	75
56) 2,4-Dinitrotoluene	15.69	165	61342	30.306	ng	#	75
57) Fluorene	16.38	166	182286	29.062	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	69730	32.445	ng	#	88
59) Diethylphthalate	16.12	149	189804	28.772	ng		99
60) 4-Chlorophenyl-phenylether	16.36	204	116857	29.544	ng		92
61) 4-Nitroaniline	16.40	138	36870	27.703	ng	#	75
62) Azobenzene	16.65	77	119581	30.333	ng		84
64) 4,6-Dinitro-2-methylphenol	16.44	198	35198	23.976	ng		77
65) n-Nitrosodiphenylamine	16.57	169	171291	29.208	ng		98
66) 4-Bromophenyl-phenylether	17.25	248	86688	29.776	ng		95
67) Hexachlorobenzene	17.38	284	91614	28.436	ng	#	90
68) Atrazine	17.50	200	77752	30.884	ng		99
69) Pentachlorophenol	17.72	266	105346	52.197	ng		98
70) Phenanthrene	18.12	178	322250	29.405	ng		99
71) Anthracene	18.21	178	333468	30.560	ng		98
72) Carbazole	18.48	167	279944	29.036	ng		99
73) Di-n-butylphthalate	18.98	149	323515	30.308	ng		99
74) Fluoranthene	20.09	202	441100	30.692	ng		95
76) Benzidine	20.25	184	120254	23.645	ng		98
77) Pyrene	20.44	202	442627	27.863	ng		99
79) Butylbenzylphthalate	21.30	149	148279	29.592	ng	#	73
80) Benzo(a)anthracene	22.39	228	475581	29.618	ng		98
81) 3,3'-Dichlorobenzidine	22.28	252	93145	14.972	ng	#	92
82) Chrysene	22.47	228	449059	28.959	ng		98
83) Bis(2-ethylhexyl)phthalate	22.23	149	208232	29.308	ng	#	94
84) Di-n-octyl phthalate	23.59	149	369110	32.754	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.34	276	600563	30.615	ng	#	82
87) Benzo(b)fluoranthene	24.91	252	510116	30.550	ng	#	96
88) Benzo(k)fluoranthene	24.99	252	501081	30.293	ng	#	96
89) Benzo(a)pyrene	25.91	252	492824	30.959	ng	#	95
90) Dibenzo(a,h)anthracene	30.41	278	500645	30.744	ng	#	93
91) Benzo(g,h,i)perylene	31.68	276	499031	30.874	ng	#	90

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

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