Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092616\
Data File : BG024141.D
Acq On : 26 Sep 2016 14:09
Operator : UM/SJ
Sample : H4887-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRACK-D-GRID-17AMS

Quant Time: Sep 27 00:58:50 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53817	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	254319	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	210945	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	475000	20.00	ng		0.00
75) Chrysene-d12	21.79	240	482887	20.00	ng		0.00
86) Perylene-d12	25.12	264	474048	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	527043	169.66	ng		0.00
7) Phenol-d6	7.21	99	790164	151.17	ng		0.00
23) Nitrobenzene-d5	9.22	82	620732	96.20	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	427405	140.96	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	1229547	97.98	ng		0.00
78) Terphenyl-d14	20.09	244	1969472	83.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	53830	45.28	ng	#	88
3) Pyridine	3.85	79	181110	43.10	ng		97
4) n-Nitrosodimethylamine	3.76	42	101222	47.53	ng	#	91
6) Aniline	7.36	93	124421	16.95	ng		98
8) 2-Chlorophenol	7.61	128	190417	51.21	ng		98
9) Benzaldehyde	7.18	77	26384	9.27	ng		91
10) Phenol	7.24	94	277563	50.51	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	202689	46.77	ng		89
12) 1,3-Dichlorobenzene	7.92	146	183481	44.25	ng		99
13) 1,4-Dichlorobenzene	8.08	146	198015	46.79	ng		98
14) 1,2-Dichlorobenzene	8.39	146	194395	47.19	ng		93
15) Benzyl Alcohol	8.29	79	260820	51.56	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	274772	45.93	ng		92
17) 2-Methylphenol	8.50	107	198164	54.24	ng		96
18) Hexachloroethane	9.12	117	81469	45.69	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	229114	44.63	ng		98
20) 3+4-Methylphenols	8.83	107	279112	52.60	ng		93
22) Acetophenone	8.87	105	313524	42.73	ng	#	96
24) Nitrobenzene	9.26	77	334607	48.38	ng		98
25) Isophorone	9.78	82	610433	46.38	ng		98
26) 2-Nitrophenol	9.98	139	118324	48.23	ng	#	91
27) 2,4-Dimethylphenol	10.04	122	209638	51.10	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	326166	50.97	ng		98
29) 2,4-Dichlorophenol	10.54	162	239854	56.17	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	217503	47.59	ng		99
31) Naphthalene	10.92	128	674119	52.33	ng		97
32) Benzoic acid	10.20	122	32325	12.80	ng	#	90
33) 4-Chloroaniline	11.07	127	18031	3.14	ng	#	87
34) Hexachlorobutadiene	11.19	225	159731	44.40	ng		96
35) Caprolactam	11.84	113	83757m	48.22	ng		
36) 4-Chloro-3-methylphenol	12.19	107	317140	52.78	ng		99
37) 2-Methylnaphthalene	12.53	142	512046	51.90	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	262249	42.58	ng		99
40) Hexachlorocyclopentadiene	12.87	237	221816	76.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	209219	52.53	ng		98
43) 2,4,5-Trichlorophenol	13.24	196	219013	53.44	ng		93
45) 1,1'-Biphenyl	13.54	154	640721	44.42	ng		97
46) 2-Chloronaphthalene	13.59	162	555383	51.57	ng		99
47) 2-Nitroaniline	13.81	65	259947	51.87	ng		97
48) Acenaphthylene	14.44	152	920781	50.36	ng		100
49) Dimethylphthalate	14.17	163	839149	51.85	ng		99
50) 2,6-Dinitrotoluene	14.30	165	187118	55.04	ng		92
51) Acenaphthene	14.78	154	576164	51.96	ng		98
52) 3-Nitroaniline	14.65	138	46490	13.69	ng	#	76
53) 2,4-Dinitrophenol	14.87	184	48401	26.07	ng		96
54) Dibenzofuran	15.12	168	955348	55.33	ng		99
55) 4-Nitrophenol	14.98	139	207609	77.21	ng		95
56) 2,4-Dinitrotoluene	15.10	165	271094	52.41	ng		89
57) Fluorene	15.77	166	798632	53.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	217867	55.05	ng		90
59) Diethylphthalate	15.53	149	890397	51.09	ng		99
60) 4-Chlorophenyl-phenylether	15.75	204	406928	50.54	ng		95
61) 4-Nitroaniline	15.82	138	169542	48.21	ng	#	88
62) Azobenzene	16.05	77	1011995	57.15	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	72948	22.12	ng		89
65) n-Nitrosodiphenylamine	15.98	169	723380	55.67	ng		96
66) 4-Bromophenyl-phenylether	16.66	248	295729	53.67	ng		99
67) Hexachlorobenzene	16.78	284	297239	47.88	ng		95
68) Atrazine	16.93	200	302700	52.77	ng		97
69) Pentachlorophenol	17.14	266	162486	51.81	ng		99
70) Phenanthrene	17.53	178	1320219	54.57	ng		98
71) Anthracene	17.62	178	1344747	54.11	ng		99
72) Carbazole	17.90	167	1187398	51.33	ng		99
73) Di-n-butylphthalate	18.43	149	1450317	47.89	ng		98
74) Fluoranthene	19.54	202	1515908	47.99	ng		97
76) Benzidine	19.73	184	284647	20.82	ng		97
77) Pyrene	19.91	202	1505752	44.66	ng		96
79) Butylbenzylphthalate	20.78	149	651252	52.45	ng		95
80) Benzo(a)anthracene	21.77	228	1473639	53.61	ng		96
81) 3,3'-Dichlorobenzidine	21.68	252	202945	20.60	ng	#	93
82) Chrysene	21.84	228	1386596	53.66	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	905016	61.01	ng	#	97
84) Di-n-octyl phthalate	22.88	149	1559812	60.94	ng		99
85) Indeno(1,2,3-cd)pyrene	28.95	276	1757416	60.99	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	1523195	55.23	ng	#	99
88) Benzo(k)fluoranthene	24.13	252	1447651	52.85	ng	#	97
89) Benzo(a)pyrene	24.97	252	1460837	54.79	ng	#	97
90) Dibenzo(a,h)anthracene	29.01	278	1437709	54.00	ng	#	93
91) Benzo(g,h,i)perylene	30.16	276	1444905	53.87	ng	#	94

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

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