Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023014.D
Acq On : 11 Jul 2016 23:58
Operator : UM/SJ
Sample : H3967-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005MS

Manual Integrations APPROVED
sohil
7/12/2016 7:33:42 PM

Quant Time: Jul 12 04:40:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	117191	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	552683	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	436320	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	939257	20.00	ng		0.00
75) Chrysene-d12	21.87	240	1012797	20.00	ng		0.02
86) Perylene-d12	25.25	264	1046093	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	474179	66.18	ng		0.00
7) Phenol-d6	7.31	99	500829	44.63	ng		0.00
23) Nitrobenzene-d5	9.33	82	1184625	91.78	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	824746	105.17	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2314885	83.57	ng		0.00
78) Terphenyl-d14	20.17	244	2871606	93.34	ng		0.01
Target Compounds							Qvalue
3) Pyridine	3.97	79	109943	11.54	ng	#	94
4) n-Nitrosodimethylamine	3.88	42	75210	18.39	ng	#	91
6) Aniline	7.47	93	351480	22.60	ng		99
8) 2-Chlorophenol	7.71	128	311697	40.88	ng		98
9) Benzaldehyde	7.29	77	454377	60.59	ng	#	1
10) Phenol	7.33	94	201793	17.48	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	406775	44.45	ng		95
12) 1,3-Dichlorobenzene	8.04	146	315443	33.79	ng		98
13) 1,4-Dichlorobenzene	8.19	146	324935	34.77	ng		98
14) 1,2-Dichlorobenzene	8.51	146	330051	35.53	ng		93
15) Benzyl Alcohol	8.39	79	357555	34.79	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	498555	44.60	ng		99
17) 2-Methylphenol	8.60	107	272521	36.25	ng		93
18) Hexachloroethane	9.25	117	245188	62.16	ng	#	17
19) n-Nitroso-di-n-propylamine	8.96	70	454718	44.95	ng		97
20) 3+4-Methylphenols	8.93	107	338806	32.32	ng		97
22) Acetophenone	8.98	105	1077291	64.95	ng	#	92
24) Nitrobenzene	9.37	77	669403	48.81	ng		94
25) Isophorone	9.89	82	1182316	45.54	ng		97
26) 2-Nitrophenol	10.09	139	239920	44.58	ng		89
27) 2,4-Dimethylphenol	10.14	122	387833	41.69	ng		98
28) bis(2-Chloroethoxy)methane	10.37	93	652439	45.06	ng		99
29) 2,4-Dichlorophenol	10.63	162	452018	45.56	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	444031	39.05	ng		97
31) Naphthalene	11.03	128	2280360	81.05	ng		94
32) Benzoic acid	10.25	122	106319	12.56	ng		98
33) 4-Chloroaniline	11.14	127	274492	19.95	ng		95
34) Hexachlorobutadiene	11.31	225	318555	34.56	ng		97
35) Caprolactam	12.02	113	41154m	10.08	ng		
36) 4-Chloro-3-methylphenol	12.26	107	549906	40.52	ng		96
37) 2-Methylnaphthalene	12.63	142	1262828	56.79	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	657109	34.95	ng		98
40) Hexachlorocyclopentadiene	12.97	237	690203	63.76	ng		97
42) 2,4,6-Trichlorophenol	13.24	196	468768	43.38	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	487192	43.90	ng		95
45) 1,1'-Biphenyl	13.63	154	1423252	43.47	ng		96
46) 2-Chloronaphthalene	13.68	162	1172069	44.14	ng		94
47) 2-Nitroaniline	13.88	65	508856	44.91	ng		97
48) Acenaphthylene	14.52	152	1695309	42.56	ng		98
49) Dimethylphthalate	14.25	163	1632303	45.80	ng	#	95
50) 2,6-Dinitrotoluene	14.38	165	364949	45.56	ng	#	82
51) Acenaphthene	14.87	154	1162859	44.67	ng		99
52) 3-Nitroaniline	14.71	138	185397	23.21	ng		86
53) 2,4-Dinitrophenol	14.91	184	413475	75.23	ng		97
54) Dibenzofuran	15.20	168	1788038	45.89	ng		98
55) 4-Nitrophenol	15.02	139	202814	30.29	ng		94
56) 2,4-Dinitrotoluene	15.16	165	506981	43.42	ng		97
57) Fluorene	15.85	166	1462784	43.62	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	495041	44.58	ng		98
59) Diethylphthalate	15.61	149	1547377	42.67	ng		95
60) 4-Chlorophenyl-phenylether	15.83	204	853638	41.79	ng		99
61) 4-Nitroaniline	15.88	138	305516	35.35	ng	#	84
62) Azobenzene	16.13	77	1707968	49.24	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	306832	43.95	ng		94
65) n-Nitrosodiphenylamine	16.06	169	1361268	50.30	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	566202	46.33	ng		99
67) Hexachlorobenzene	16.86	284	595824	44.84	ng		98
68) Atrazine	17.01	200	530461	44.19	ng		99
69) Pentachlorophenol	17.21	266	762803	88.65	ng		99
70) Phenanthrene	17.60	178	2190672	47.59	ng		95
71) Anthracene	17.70	178	2221125	47.65	ng		97
72) Carbazole	17.97	167	1929671	47.91	ng		98
73) Di-n-butylphthalate	18.51	149	2250880	50.25	ng		98
74) Fluoranthene	19.61	202	2452452	43.42	ng		95
77) Pyrene	19.97	202	2500376	43.93	ng		96
79) Butylbenzylphthalate	20.85	149	1152455	51.12	ng		96
80) Benzo(a)anthracene	21.85	228	2666171	47.05	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	471462	18.96	ng	#	99
82) Chrysene	21.92	228	2542908	47.84	ng		95
83) Bis(2-ethylhexyl)phthalate	21.73	149	1579520	50.46	ng		98
84) Di-n-octyl phthalate	22.99	149	2618497	50.16	ng		99
85) Indeno(1,2,3-cd)pyrene	29.13	276	3307918	48.81	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2885432m	47.81	ng		
88) Benzo(k)fluoranthene	24.25	252	2767477	48.32	ng	#	98
89) Benzo(a)pyrene	25.09	252	2819832	48.74	ng	#	95
90) Dibenzo(a,h)anthracene	29.20	278	2759897	48.06	ng	#	95
91) Benzo(g,h,i)perylene	30.35	276	2729403	47.46	ng	#	96

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

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