Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
Data File : BG023177.D
Acq On : 19 Jul 2016 15:27
Operator : UM/SJ
Sample : PB92224BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92224BSD

Manual Integrations APPROVED
sohil
7/20/2016 7:46:02 PM

Quant Time: Jul 20 01:26:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:46:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	108957	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	530434	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	402828	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	969526	20.00	ng		0.00
75) Chrysene-d12	21.88	240	988991	20.00	ng		0.00
86) Perylene-d12	25.27	264	947347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	859062	128.95	ng		0.00
7) Phenol-d6	7.30	99	1351545	129.53	ng		0.00
23) Nitrobenzene-d5	9.32	82	976751	78.85	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	679226	93.82	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1931481	75.52	ng		0.00
78) Terphenyl-d14	20.16	244	2736373	89.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	112588	43.48	ng		94
3) Pyridine	3.95	79	266816	30.11	ng		97
4) n-Nitrosodimethylamine	3.86	42	146386	38.51	ng	#	88
6) Aniline	7.46	93	472193	32.65	ng		96
8) 2-Chlorophenol	7.70	128	328373	46.32	ng		96
9) Benzaldehyde	7.27	77	257684	36.96	ng		93
10) Phenol	7.33	94	503847	46.93	ng		89
11) bis(2-Chloroethyl)ether	7.55	93	333644	39.21	ng		92
12) 1,3-Dichlorobenzene	8.03	146	317550	36.59	ng		99
13) 1,4-Dichlorobenzene	8.18	146	324780	37.38	ng		97
14) 1,2-Dichlorobenzene	8.50	146	332626	38.51	ng		93
15) Benzyl Alcohol	8.38	79	433635	45.37	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	456457	43.91	ng		92
17) 2-Methylphenol	8.59	107	324873	46.49	ng		96
18) Hexachloroethane	9.24	117	140069	38.19	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	364895	38.79	ng		97
20) 3+4-Methylphenols	8.92	107	460462	47.24	ng		96
22) Acetophenone	8.97	105	587736	36.92	ng	#	95
24) Nitrobenzene	9.36	77	528740	40.17	ng		92
25) Isophorone	9.88	82	952630	38.23	ng		97
26) 2-Nitrophenol	10.08	139	209449	40.55	ng		93
27) 2,4-Dimethylphenol	10.13	122	358582	40.16	ng		89
28) bis(2-Chloroethoxy)methane	10.36	93	538656	38.77	ng		98
29) 2,4-Dichlorophenol	10.62	162	403228	42.35	ng		98
30) 1,2,4-Trichlorobenzene	10.83	180	387886	35.55	ng		96
31) Naphthalene	11.03	128	1052214	38.97	ng		100
32) Benzoic acid	10.27	122	250653	30.86	ng	#	90
33) 4-Chloroaniline	11.13	127	245615	18.60	ng		93
34) Hexachlorobutadiene	11.30	225	285019	32.22	ng		99
35) Caprolactam	11.91	113	150328m	38.37	ng		
36) 4-Chloro-3-methylphenol	12.26	107	527290	40.49	ng		97
37) 2-Methylnaphthalene	12.63	142	851231	39.89	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	525101	30.25	ng		100
40) Hexachlorocyclopentadiene	12.97	237	588819	58.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	386870	38.77	ng		96
43) 2,4,5-Trichlorophenol	13.31	196	402385	39.27	ng		94
45) 1,1'-Biphenyl	13.63	154	1167507	38.63	ng		96
46) 2-Chloronaphthalene	13.68	162	978291	39.90	ng		97
47) 2-Nitroaniline	13.88	65	449422	42.96	ng		96
48) Acenaphthylene	14.52	152	1488311	40.47	ng		97
49) Dimethylphthalate	14.25	163	1302607	39.59	ng		96
50) 2,6-Dinitrotoluene	14.38	165	306810	41.49	ng		83
51) Acenaphthene	14.86	154	971482	40.42	ng		99
52) 3-Nitroaniline	14.71	138	229888	31.18	ng		93
53) 2,4-Dinitrophenol	14.92	184	326591	64.36	ng		99
54) Dibenzofuran	15.20	168	1565117	43.51	ng		99
55) 4-Nitrophenol	15.02	139	490940	79.43	ng		93
56) 2,4-Dinitrotoluene	15.16	165	444488	41.23	ng		98
57) Fluorene	15.85	166	1254685	40.52	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	400512	39.07	ng		94
59) Diethylphthalate	15.60	149	1373553	41.03	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	706704	37.48	ng		98
61) 4-Nitroaniline	15.88	138	315237	39.51	ng	#	83
62) Azobenzene	16.13	77	1568194	48.97	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	272991	37.89	ng		92
65) n-Nitrosodiphenylamine	16.06	169	1193093	42.71	ng		95
66) 4-Bromophenyl-phenylether	16.74	248	463077	36.71	ng		97
67) Hexachlorobenzene	16.86	284	490650	35.77	ng		97
68) Atrazine	17.00	200	491171	39.64	ng		97
69) Pentachlorophenol	17.21	266	597193	67.24	ng		96
70) Phenanthrene	17.60	178	2000377	42.10	ng		96
71) Anthracene	17.70	178	2063608	42.89	ng		98
72) Carbazole	17.97	167	1830683	44.04	ng		98
73) Di-n-butylphthalate	18.51	149	2153900	46.59	ng		99
74) Fluoranthene	19.61	202	2264730	38.84	ng		96
76) Benzidine	19.79	184	1147797	40.48	ng		99
77) Pyrene	19.98	202	2272809	40.90	ng		97
79) Butylbenzylphthalate	20.85	149	1096580	49.81	ng		95
80) Benzo(a)anthracene	21.86	228	2331542	42.14	ng		99
81) 3,3'-Dichlorobenzidine	21.76	252	623208	25.66	ng	#	98
82) Chrysene	21.93	228	2176310	41.93	ng		96
83) Bis(2-ethylhexyl)phthalate	21.73	149	1491092	48.78	ng	#	97
84) Di-n-octyl phthalate	23.01	149	2435250	47.77	ng		99
85) Indeno(1,2,3-cd)pyrene	29.15	276	2435693	36.80	ng	#	100
87) Benzo(b)fluoranthene	24.19	252	2394092	43.80	ng	#	96
88) Benzo(k)fluoranthene	24.26	252	2256073	43.50	ng	#	95
89) Benzo(a)pyrene	25.11	252	2321690	44.31	ng	#	98
90) Dibenzo(a,h)anthracene	29.22	278	2054625	39.51	ng	#	93
91) Benzo(g,h,i)perylene	30.38	276	1879400	36.09	ng	#	93

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

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