Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
Data File : BG023226.D
Acq On : 22 Jul 2016 22:04
Operator : UM/SJ
Sample : H4131-21MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Manual Integrations APPROVED
sohil
7/25/2016 6:48:05 PM

Quant Time: Jul 23 00:10:11 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	126312	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	592513	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	417241	20.00	ng		0.01
63) Phenanthrene-d10	17.57	188	1006626	20.00	ng		0.02
75) Chrysene-d12	21.90	240	1040318	20.00	ng		0.02
86) Perylene-d12	25.30	264	965299	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	857289	111.00	ng		0.00
7) Phenol-d6	7.30	99	1244392	102.87	ng		0.00
23) Nitrobenzene-d5	9.32	82	987469	71.36	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	603257	80.45	ng		0.01
44) 2-Fluorobiphenyl	13.43	172	1840851	69.49	ng		0.02
78) Terphenyl-d14	20.18	244	2679606	79.82	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	79298	26.42	ng	#	72
3) Pyridine	3.95	79	229739	22.36	ng		97
4) n-Nitrosodimethylamine	3.86	42	155105	35.19	ng	#	94
6) Aniline	7.47	93	233385	13.92	ng		97
8) 2-Chlorophenol	7.70	128	312824	38.06	ng		96
9) Benzaldehyde	7.27	77	88355	10.93	ng		92
10) Phenol	7.33	94	449656	36.13	ng		89
11) bis(2-Chloroethyl)ether	7.56	93	344848	34.96	ng		91
12) 1,3-Dichlorobenzene	8.03	146	299490	29.77	ng		96
13) 1,4-Dichlorobenzene	8.18	146	303935	30.18	ng		98
14) 1,2-Dichlorobenzene	8.50	146	298063	29.77	ng		99
15) Benzyl Alcohol	8.38	79	391050	35.30	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	450739	37.41	ng		92
17) 2-Methylphenol	8.59	107	309103	38.15	ng		96
18) Hexachloroethane	9.24	117	126255	29.70	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	366579	33.62	ng		94
20) 3+4-Methylphenols	8.92	107	430165	38.07	ng		94
22) Acetophenone	8.97	105	580959	32.67	ng	#	95
24) Nitrobenzene	9.37	77	500603	34.05	ng		94
25) Isophorone	9.88	82	947520	34.05	ng		97
26) 2-Nitrophenol	10.08	139	194486	33.71	ng		91
27) 2,4-Dimethylphenol	10.13	122	344202	34.51	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	534168	34.41	ng		99
29) 2,4-Dichlorophenol	10.63	162	366528	34.46	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	358676	29.43	ng		95
31) Naphthalene	11.03	128	1005885	33.35	ng		98
32) Benzoic acid	10.27	122	229396	25.28	ng		97
33) 4-Chloroaniline	11.15	127	45838	3.11	ng	#	86
34) Hexachlorobutadiene	11.31	225	252219	25.53	ng		96
35) Caprolactam	11.92	113	117444m	26.84	ng		
36) 4-Chloro-3-methylphenol	12.26	107	468490	32.20	ng		95
37) 2-Methylnaphthalene	12.64	142	767286	32.19	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	446273	24.82	ng		97
40) Hexachlorocyclopentadiene	12.98	237	609184	58.85	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	338824	32.79	ng		98
43) 2,4,5-Trichlorophenol	13.32	196	352845	33.25	ng		94
45) 1,1'-Biphenyl	13.64	154	1077819	34.43	ng		96
46) 2-Chloronaphthalene	13.69	162	891310	35.10	ng		97
47) 2-Nitroaniline	13.89	65	387118	35.73	ng		97
48) Acenaphthylene	14.54	152	1347411	35.37	ng		96
49) Dimethylphthalate	14.26	163	1199613	35.20	ng		98
50) 2,6-Dinitrotoluene	14.38	165	277077	36.17	ng		90
51) Acenaphthene	14.88	154	872433	35.05	ng		97
52) 3-Nitroaniline	14.72	138	75214	9.85	ng		97
53) 2,4-Dinitrophenol	14.93	184	362678	69.01	ng		94
54) Dibenzofuran	15.21	168	1402330	37.63	ng		99
55) 4-Nitrophenol	15.03	139	423990	66.22	ng		93
56) 2,4-Dinitrotoluene	15.18	165	402573	36.05	ng		95
57) Fluorene	15.86	166	1128342	35.18	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.44	232	357995	33.72	ng		97
59) Diethylphthalate	15.62	149	1260799	36.36	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	611476	31.31	ng		99
61) 4-Nitroaniline	15.89	138	228910	27.70	ng	#	80
62) Azobenzene	16.15	77	1425705	42.98	ng		94
64) 4,6-Dinitro-2-methylphenol	15.94	198	252659	33.77	ng		87
65) n-Nitrosodiphenylamine	16.07	169	984601	33.95	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	411532	31.42	ng		98
67) Hexachlorobenzene	16.87	284	418676	29.40	ng		97
68) Atrazine	17.01	200	118930	9.24	ng		97
69) Pentachlorophenol	17.22	266	548003	59.43	ng		97
70) Phenanthrene	17.62	178	1856055	37.62	ng		97
71) Anthracene	17.71	178	1890311	37.84	ng		97
72) Carbazole	17.98	167	1561237	36.17	ng		99
73) Di-n-butylphthalate	18.52	149	2041303	42.53	ng		98
74) Fluoranthene	19.63	202	2156881	35.63	ng		98
77) Pyrene	19.99	202	2178931	37.27	ng		99
79) Butylbenzylphthalate	20.87	149	984233	42.51	ng		97
80) Benzo(a)anthracene	21.88	228	2144530	36.85	ng		97
81) 3,3'-Dichlorobenzidine	21.79	252	111462	4.36	ng	#	90
82) Chrysene	21.94	228	2012180	36.85	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1347503	41.91	ng	#	98
84) Di-n-octyl phthalate	23.04	149	2284507	42.60	ng		99
85) Indeno(1,2,3-cd)pyrene	29.21	276	2316222	33.27	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	2194441	39.40	ng	#	98
88) Benzo(k)fluoranthene	24.29	252	2096468	39.67	ng	#	98
89) Benzo(a)pyrene	25.15	252	2066676	38.71	ng	#	97
90) Dibenzo(a,h)anthracene	29.28	278	1975784	37.29	ng	#	94
91) Benzo(g,h,i)perylene	30.43	276	1884679	35.52	ng	#	92

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

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