Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024595.D
Acq On : 1 Nov 2016 16:36
Operator : UM/SJ
Sample : PB94406BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB94406BS

Manual Integrations APPROVED
Umangi
11/2/2016 5:43:53 PM

Quant Time: Nov 02 03:54:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	133891	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	515815	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	389885	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	857430	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1113296	20.00	ng		0.00
86) Perylene-d12	25.35	264	1164114	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	1003291	122.81	ng		0.00
7) Phenol-d6	7.41	99	1417487	126.50	ng		0.00
23) Nitrobenzene-d5	9.45	82	985495	86.99	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	788159	135.31	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1972480	84.09	ng		0.00
78) Terphenyl-d14	20.20	244	3236411	86.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	89732	26.89	ng		96
3) Pyridine	4.08	79	315215	31.54	ng		93
4) n-Nitrosodimethylamine	3.99	42	186223	36.00	ng	#	81
6) Aniline	7.59	93	525756	37.04	ng		97
8) 2-Chlorophenol	7.83	128	356880	42.97	ng		92
9) Benzaldehyde	7.40	77	73245	10.58	ng		93
10) Phenol	7.44	94	511194	44.25	ng		94
11) bis(2-Chloroethyl)ether	7.68	93	367315	42.33	ng		89
12) 1,3-Dichlorobenzene	8.15	146	403402	39.23	ng		95
13) 1,4-Dichlorobenzene	8.31	146	411778	40.55	ng		96
14) 1,2-Dichlorobenzene	8.62	146	394945	40.45	ng		91
15) Benzyl Alcohol	8.50	79	420318	40.32	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.79	45	595598	36.99	ng		93
17) 2-Methylphenol	8.69	107	332503	43.44	ng		97
18) Hexachloroethane	9.36	117	160845	41.20	ng		100
19) n-Nitroso-di-n-propylamine	9.07	70	340473	41.23	ng	#	92
20) 3+4-Methylphenols	9.02	107	460043	44.76	ng		94
22) Acetophenone	9.10	105	571920	43.16	ng	#	89
24) Nitrobenzene	9.49	77	519145	41.19	ng		93
25) Isophorone	10.00	82	899132	42.67	ng		98
26) 2-Nitrophenol	10.20	139	215846	46.14	ng		93
27) 2,4-Dimethylphenol	10.24	122	376671	45.99	ng		89
28) bis(2-Chloroethoxy)methane	10.48	93	503483	46.18	ng		98
29) 2,4-Dichlorophenol	10.73	162	398494	46.36	ng		96
30) 1,2,4-Trichlorobenzene	10.95	180	436068	42.77	ng		99
31) Naphthalene	11.14	128	1070124	41.59	ng		99
32) Benzoic acid	10.36	122	200161	29.35	ng		97
33) 4-Chloroaniline	11.25	127	341271	30.55	ng		97
34) Hexachlorobutadiene	11.41	225	342635	42.93	ng		95
35) Caprolactam	12.02	113	142121m	45.16	ng		
36) 4-Chloro-3-methylphenol	12.34	107	476506	45.92	ng		98
37) 2-Methylnaphthalene	12.73	142	815516	43.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	564622	42.94	ng		97
40) Hexachlorocyclopentadiene	13.06	237	741602	100.14	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	360834	45.65	ng		98
43) 2,4,5-Trichlorophenol	13.40	196	387587	45.35	ng		96
45) 1,1'-Biphenyl	13.72	154	1105086	40.85	ng		98
46) 2-Chloronaphthalene	13.77	162	894147	43.40	ng		100
47) 2-Nitroaniline	13.97	65	372846	44.20	ng		92
48) Acenaphthylene	14.61	152	1334868	42.25	ng		98
49) Dimethylphthalate	14.33	163	1201367	43.40	ng		99
50) 2,6-Dinitrotoluene	14.46	165	278412	47.12	ng		86
51) Acenaphthene	14.95	154	885514	37.60	ng		98
52) 3-Nitroaniline	14.79	138	213341	34.89	ng		99
53) 2,4-Dinitrophenol	14.99	184	298625	69.74	ng		96
54) Dibenzofuran	15.28	168	1442226	44.29	ng		99
55) 4-Nitrophenol	15.08	139	450239	84.52	ng	#	84
56) 2,4-Dinitrotoluene	15.24	165	395721	46.09	ng	#	93
57) Fluorene	15.93	166	1157543	42.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	418566	47.24	ng	#	92
59) Diethylphthalate	15.67	149	1237015	42.63	ng		97
60) 4-Chlorophenyl-phenylether	15.91	204	667762	44.07	ng		99
61) 4-Nitroaniline	15.95	138	281490	42.14	ng		96
62) Azobenzene	16.20	77	1268570	43.83	ng		95
64) 4,6-Dinitro-2-methylphenol	16.00	198	244178	41.33	ng		88
65) n-Nitrosodiphenylamine	16.13	169	1090658	46.53	ng		98
66) 4-Bromophenyl-phenylether	16.81	248	484667	46.56	ng		95
67) Hexachlorobenzene	16.93	284	536622	46.66	ng	#	90
68) Atrazine	17.06	200	483471	48.08	ng		98
69) Pentachlorophenol	17.27	266	648426	85.44	ng		95
70) Phenanthrene	17.67	178	1955927	44.75	ng		98
71) Anthracene	17.76	178	1981324	44.94	ng		98
72) Carbazole	18.02	167	1765331	43.90	ng		97
73) Di-n-butylphthalate	18.55	149	2048994	44.19	ng		98
74) Fluoranthene	19.66	202	2443996	44.24	ng		98
76) Benzidine	19.83	184	1314538	50.11	ng		99
77) Pyrene	20.02	202	2455360	45.12	ng		96
79) Butylbenzylphthalate	20.89	149	1049968	46.28	ng		96
80) Benzo(a)anthracene	21.90	228	2713552	44.37	ng		98
81) 3,3'-Dichlorobenzidine	21.81	252	844748	34.24	ng	#	99
82) Chrysene	21.97	228	2543347	43.66	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1452416	44.75	ng		97
84) Di-n-octyl phthalate	23.04	149	2451311	45.51	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.30	276	3600701	44.78	ng		98
87) Benzo(b)fluoranthene	24.26	252	2893819	45.99	ng		99
88) Benzo(k)fluoranthene	24.33	252	2787392	45.87	ng		99
89) Benzo(a)pyrene	25.19	252	2858060	46.48	ng		98
90) Dibenzo(a,h)anthracene	29.36	278	2970036	44.01	ng		100
91) Benzo(g,h,i)perylene	30.55	276	2953836	43.81	ng		98

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

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