Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024687.D
Acq On : 4 Nov 2016 22:35
Operator : UM/SJ
Sample : PB94526BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB94526BS

Manual Integrations APPROVED
sohil
11/7/2016 4:36:34 PM

Quant Time: Nov 05 00:37:41 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	92003	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	358683	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	284079	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	669744	20.00	ng		0.00
75) Chrysene-d12	21.92	240	944129	20.00	ng		0.00
86) Perylene-d12	25.35	264	991637	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	716494	127.64	ng		0.00
7) Phenol-d6	7.41	99	1020298	132.51	ng		0.00
23) Nitrobenzene-d5	9.44	82	701935	89.10	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	587063	138.33	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1437261	84.09	ng		0.00
78) Terphenyl-d14	20.21	244	2783251	88.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	74518	32.49	ng		93
3) Pyridine	4.07	79	229054	33.36	ng		94
4) n-Nitrosodimethylamine	3.98	42	144911	40.77	ng	#	73
6) Aniline	7.58	93	172540	17.69	ng	#	94
8) 2-Chlorophenol	7.83	128	238629	41.81	ng		99
9) Benzaldehyde	7.40	77	38301	8.05	ng		93
10) Phenol	7.43	94	348548	43.91	ng		97
11) bis(2-Chloroethyl)ether	7.67	93	242044	40.59	ng		94
12) 1,3-Dichlorobenzene	8.15	146	275543	39.00	ng		98
13) 1,4-Dichlorobenzene	8.30	146	279792	40.09	ng		93
14) 1,2-Dichlorobenzene	8.62	146	264143	39.37	ng		93
15) Benzyl Alcohol	8.50	79	287142	40.09	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.79	45	413869	37.41	ng		96
17) 2-Methylphenol	8.69	107	221529	42.12	ng		99
18) Hexachloroethane	9.35	117	103213	38.47	ng		97
19) n-Nitroso-di-n-propylamine	9.07	70	221704	39.07	ng		96
20) 3+4-Methylphenols	9.02	107	294639	41.72	ng		98
22) Acetophenone	9.09	105	381626	41.42	ng	#	90
24) Nitrobenzene	9.48	77	354212	40.42	ng		99
25) Isophorone	10.00	82	599224	40.89	ng		98
26) 2-Nitrophenol	10.20	139	136403	41.93	ng		93
27) 2,4-Dimethylphenol	10.23	122	261687	45.95	ng		93
28) bis(2-Chloroethoxy)methane	10.48	93	337216	44.48	ng		99
29) 2,4-Dichlorophenol	10.73	162	272884	45.65	ng		94
30) 1,2,4-Trichlorobenzene	10.95	180	290993	41.04	ng		94
31) Naphthalene	11.15	128	732554	40.94	ng		99
32) Benzoic acid	10.35	122	123271	25.99	ng		88
33) 4-Chloroaniline	11.25	127	94974	12.23	ng	#	92
34) Hexachlorobutadiene	11.41	225	222972	40.18	ng		95
35) Caprolactam	12.01	113	93162	42.57	ng		92
36) 4-Chloro-3-methylphenol	12.34	107	314444	43.58	ng		98
37) 2-Methylnaphthalene	12.73	142	529169	40.53	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	369547	38.57	ng		99
40) Hexachlorocyclopentadiene	13.06	237	502064	93.05	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	244943	42.53	ng		94
43) 2,4,5-Trichlorophenol	13.40	196	263648	42.34	ng		96
45) 1,1'-Biphenyl	13.72	154	743360	37.71	ng		98
46) 2-Chloronaphthalene	13.77	162	607145	40.45	ng		97
47) 2-Nitroaniline	13.97	65	252784	41.13	ng		98
48) Acenaphthylene	14.61	152	916167	39.80	ng		99
49) Dimethylphthalate	14.32	163	822937	40.80	ng		97
50) 2,6-Dinitrotoluene	14.45	165	189473	44.01	ng		92
51) Acenaphthene	14.95	154	606497	35.34	ng		97
52) 3-Nitroaniline	14.79	138	99911	22.43	ng		99
53) 2,4-Dinitrophenol	14.99	184	195952	62.81	ng		90
54) Dibenzofuran	15.28	168	997862	42.06	ng		97
55) 4-Nitrophenol	15.08	139	322117	82.99	ng		93
56) 2,4-Dinitrotoluene	15.23	165	288132	46.05	ng	#	96
57) Fluorene	15.93	166	803376	40.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	279480	43.29	ng	#	95
59) Diethylphthalate	15.68	149	859804	40.66	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	449686	40.73	ng		94
61) 4-Nitroaniline	15.95	138	200053	41.10	ng		94
62) Azobenzene	16.20	77	890960	42.25	ng		95
64) 4,6-Dinitro-2-methylphenol	16.00	198	169231	36.68	ng		94
65) n-Nitrosodiphenylamine	16.12	169	771599	42.14	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	334908	41.19	ng		97
67) Hexachlorobenzene	16.92	284	380027	42.30	ng	#	90
68) Atrazine	17.06	200	345156	43.95	ng		99
69) Pentachlorophenol	17.27	266	456451	77.00	ng		92
70) Phenanthrene	17.67	178	1442809	42.26	ng		97
71) Anthracene	17.76	178	1486343	43.16	ng		98
72) Carbazole	18.03	167	1343970	42.79	ng		98
73) Di-n-butylphthalate	18.55	149	1540072	42.52	ng		98
74) Fluoranthene	19.66	202	1912337	44.31	ng		96
76) Benzidine	19.83	184	655926	29.49	ng		97
77) Pyrene	20.02	202	1952802	42.31	ng		99
79) Butylbenzylphthalate	20.88	149	809716	42.08	ng		99
80) Benzo(a)anthracene	21.90	228	2188112	42.19	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	483133	23.09	ng	#	92
82) Chrysene	21.97	228	2027866	41.05	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1145964	41.63	ng		99
84) Di-n-octyl phthalate	23.04	149	1942181	42.52	ng		94
85) Indeno(1,2,3-cd)pyrene	29.29	276	2732000	40.07	ng		99
87) Benzo(b)fluoranthene	24.25	252	2230338m	41.61	ng		
88) Benzo(k)fluoranthene	24.33	252	2159103	41.71	ng		97
89) Benzo(a)pyrene	25.19	252	2178134	41.59	ng		99
90) Dibenzo(a,h)anthracene	29.36	278	2260145	39.32	ng		97
91) Benzo(g,h,i)perylene	30.53	276	2246530	39.12	ng		97

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

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