Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024688.D
Acq On : 4 Nov 2016 23:13
Operator : UM/SJ
Sample : PB94545BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB94545BS

Manual Integrations APPROVED
sohil
11/7/2016 4:36:42 PM

Quant Time: Nov 05 00:40:24 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	102989	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	420511	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	331823	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	781494	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1052476	20.00	ng		0.00
86) Perylene-d12	25.35	264	1117393	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	810463	128.98	ng		0.00
7) Phenol-d6	7.40	99	1131589	131.28	ng		0.00
23) Nitrobenzene-d5	9.44	82	781797	84.65	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	680945	137.36	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1604130	80.35	ng		0.00
78) Terphenyl-d14	20.21	244	3009099	85.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	82791	32.25	ng		96
3) Pyridine	4.07	79	260459	33.89	ng	#	85
4) n-Nitrosodimethylamine	3.98	42	154519	38.83	ng		83
6) Aniline	7.58	93	201028	18.41	ng	#	90
8) 2-Chlorophenol	7.83	128	276154	43.22	ng		92
9) Benzaldehyde	7.40	77	46968	8.82	ng		90
10) Phenol	7.43	94	392127	44.13	ng		97
11) bis(2-Chloroethyl)ether	7.67	93	281294	42.14	ng		90
12) 1,3-Dichlorobenzene	8.15	146	309675	39.15	ng		98
13) 1,4-Dichlorobenzene	8.30	146	317531	40.65	ng		97
14) 1,2-Dichlorobenzene	8.62	146	299856	39.92	ng		100
15) Benzyl Alcohol	8.50	79	325711	40.62	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	466975	37.71	ng		96
17) 2-Methylphenol	8.70	107	245541	41.71	ng		88
18) Hexachloroethane	9.36	117	121829	40.57	ng		91
19) n-Nitroso-di-n-propylamine	9.07	70	256759	40.42	ng		90
20) 3+4-Methylphenols	9.02	107	349943	44.27	ng		97
22) Acetophenone	9.09	105	436487	40.41	ng	#	93
24) Nitrobenzene	9.48	77	404334	39.35	ng		94
25) Isophorone	10.00	82	692974	40.34	ng		99
26) 2-Nitrophenol	10.20	139	159334	41.78	ng		97
27) 2,4-Dimethylphenol	10.23	122	288526	43.22	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	380034	42.75	ng		99
29) 2,4-Dichlorophenol	10.73	162	310172	44.26	ng		94
30) 1,2,4-Trichlorobenzene	10.95	180	326766	39.31	ng		95
31) Naphthalene	11.15	128	816236	38.91	ng		99
32) Benzoic acid	10.36	122	152419	27.41	ng		93
33) 4-Chloroaniline	11.25	127	93137	10.23	ng		98
34) Hexachlorobutadiene	11.41	225	251832	38.71	ng		94
35) Caprolactam	12.01	113	112310m	43.78	ng		
36) 4-Chloro-3-methylphenol	12.34	107	355812	42.06	ng		94
37) 2-Methylnaphthalene	12.73	142	617935	40.37	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	421251	37.64	ng		99
40) Hexachlorocyclopentadiene	13.06	237	571210	90.63	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	283742	42.18	ng		97
43) 2,4,5-Trichlorophenol	13.40	196	296454	40.76	ng		97
45) 1,1'-Biphenyl	13.72	154	864651	37.55	ng		96
46) 2-Chloronaphthalene	13.77	162	684727	39.05	ng		98
47) 2-Nitroaniline	13.97	65	296739	41.33	ng		98
48) Acenaphthylene	14.61	152	1045082	38.87	ng		99
49) Dimethylphthalate	14.32	163	932286	39.58	ng		98
50) 2,6-Dinitrotoluene	14.45	165	220728	43.89	ng		86
51) Acenaphthene	14.95	154	687283	34.29	ng		98
52) 3-Nitroaniline	14.79	138	102675	19.73	ng		96
53) 2,4-Dinitrophenol	14.99	184	237471	65.16	ng		93
54) Dibenzofuran	15.28	168	1130380	40.79	ng		95
55) 4-Nitrophenol	15.08	139	373111	82.29	ng		90
56) 2,4-Dinitrotoluene	15.23	165	327387	44.80	ng	#	98
57) Fluorene	15.92	166	919778	40.02	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	324034	42.97	ng	#	95
59) Diethylphthalate	15.68	149	972168	39.36	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	538071	41.73	ng		94
61) 4-Nitroaniline	15.95	138	230111	40.48	ng		98
62) Azobenzene	16.20	77	1026653	41.68	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	196450	36.49	ng		98
65) n-Nitrosodiphenylamine	16.12	169	871376	40.79	ng		96
66) 4-Bromophenyl-phenylether	16.80	248	390255	41.14	ng		99
67) Hexachlorobenzene	16.92	284	433017	41.31	ng		90
68) Atrazine	17.06	200	402069	43.87	ng		97
69) Pentachlorophenol	17.27	266	525294	75.94	ng		94
70) Phenanthrene	17.67	178	1651123	41.45	ng		96
71) Anthracene	17.76	178	1697047	42.23	ng		98
72) Carbazole	18.03	167	1538786	41.99	ng		99
73) Di-n-butylphthalate	18.55	149	1741912	41.22	ng		97
74) Fluoranthene	19.66	202	2149194	42.68	ng		99
76) Benzidine	19.84	184	742780	29.95	ng		98
77) Pyrene	20.02	202	2152058	41.83	ng		98
79) Butylbenzylphthalate	20.88	149	903574	42.13	ng		99
80) Benzo(a)anthracene	21.90	228	2412990	41.73	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	521126	22.34	ng		99
82) Chrysene	21.97	228	2212547	40.18	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1262214	41.14	ng		99
84) Di-n-octyl phthalate	23.04	149	2159941	42.42	ng		94
85) Indeno(1,2,3-cd)pyrene	29.30	276	3042893	40.03	ng		99
87) Benzo(b)fluoranthene	24.25	252	2484662m	41.14	ng		
88) Benzo(k)fluoranthene	24.32	252	2398116	41.11	ng		98
89) Benzo(a)pyrene	25.19	252	2409705	40.83	ng		99
90) Dibenzo(a,h)anthracene	29.36	278	2501281	38.61	ng		97
91) Benzo(g,h,i)perylene	30.53	276	2480729	38.33	ng		98

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

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