Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018637.D
Acq On : 11 Sep 2015 13:41
Operator : UM/IZ
Sample : PB85494BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85494BS

Manual Integrations APPROVED
MMDadoda
9/14/2015 12:52:19 PM

Quant Time: Sep 12 01:25:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	54755	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	224633	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	150806	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	440805	20.00	ng		0.00
75) Chrysene-d12	21.64	240	484718	20.00	ng		0.00
86) Perylene-d12	24.83	264	496376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	282976	89.28	ng		0.00
7) Phenol-d6	7.17	99	388193	85.42	ng		0.00
23) Nitrobenzene-d5	9.17	82	321192	80.01	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	186541	91.87	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	842456	77.55	ng		0.00
78) Terphenyl-d14	19.98	244	1551430	84.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	44870	33.87	ng	#	100
3) Pyridine	3.87	79	139004	33.84	ng		97
4) n-Nitrosodimethylamine	3.78	42	52307	36.57	ng	#	78
6) Aniline	7.33	93	187398	29.92	ng		91
8) 2-Chlorophenol	7.57	128	153195	41.86	ng		97
9) Benzaldehyde	7.14	77	72559	29.65	ng		93
10) Phenol	7.19	94	204122	42.51	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	145773	39.18	ng		99
12) 1,3-Dichlorobenzene	7.90	146	163802	38.47	ng		97
13) 1,4-Dichlorobenzene	8.04	146	164761	38.58	ng		97
14) 1,2-Dichlorobenzene	8.36	146	160219	39.29	ng		98
15) Benzyl Alcohol	8.24	79	133063	40.62	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	168364	39.85	ng		99
17) 2-Methylphenol	8.44	107	139722	41.88	ng		97
18) Hexachloroethane	9.09	117	56157	36.78	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	110603	34.55	ng		98
20) 3+4-Methylphenols	8.77	107	195637	41.77	ng		94
22) Acetophenone	8.83	105	224781	39.50	ng	#	97
24) Nitrobenzene	9.21	77	164119	38.50	ng		99
25) Isophorone	9.72	82	322181	37.32	ng		99
26) 2-Nitrophenol	9.92	139	82087	41.28	ng		96
27) 2,4-Dimethylphenol	9.98	122	154004	42.64	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	201383	40.62	ng		97
29) 2,4-Dichlorophenol	10.45	162	159529	43.71	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	158613	39.22	ng		94
31) Naphthalene	10.86	128	468944	38.98	ng		98
32) Benzoic acid	10.09	122	113752	39.60	ng		93
33) 4-Chloroaniline	10.96	127	122356	22.48	ng		98
34) Hexachlorobutadiene	11.15	225	91209	38.25	ng		100
35) Caprolactam	11.73	113	71200m	45.38	ng		
36) 4-Chloro-3-methylphenol	12.09	107	177570	43.61	ng		99
37) 2-Methylnaphthalene	12.46	142	349471	39.69	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	181196	37.88	ng		98
40) Hexachlorocyclopentadiene	12.82	237	219458	91.36	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	137479	41.51	ng		99
43) 2,4,5-Trichlorophenol	13.14	196	152169	41.88	ng		95
45) 1,1'-Biphenyl	13.47	154	466576	38.91	ng		100
46) 2-Chloronaphthalene	13.51	162	363597	39.35	ng		99
47) 2-Nitroaniline	13.71	65	119487	42.98	ng		89
48) Acenaphthylene	14.35	152	650866	39.85	ng		97
49) Dimethylphthalate	14.08	163	518142	41.49	ng		98
50) 2,6-Dinitrotoluene	14.20	165	117733	43.39	ng		98
51) Acenaphthene	14.70	154	380529	40.05	ng		98
52) 3-Nitroaniline	14.53	138	100907	31.12	ng	#	94
53) 2,4-Dinitrophenol	14.74	184	120952	87.31	ng		99
54) Dibenzofuran	15.03	168	619754	41.97	ng		98
55) 4-Nitrophenol	14.84	139	245728	98.17	ng		98
56) 2,4-Dinitrotoluene	14.99	165	175827	45.69	ng		96
57) Fluorene	15.68	166	533770	41.98	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.26	232	152984	44.90	ng		99
59) Diethylphthalate	15.45	149	554821	42.60	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	258960	42.39	ng		97
61) 4-Nitroaniline	15.69	138	158114	45.23	ng		99
62) Azobenzene	15.96	77	497761	43.24	ng		97
64) 4,6-Dinitro-2-methylphenol	15.75	198	91756	39.68	ng		98
65) n-Nitrosodiphenylamine	15.88	169	480962	37.67	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	177240	39.53	ng		98
67) Hexachlorobenzene	16.69	284	192066	39.43	ng		98
68) Atrazine	16.83	200	218489	43.04	ng		97
69) Pentachlorophenol	17.03	266	262443	87.37	ng		95
70) Phenanthrene	17.42	178	942401	40.65	ng		99
71) Anthracene	17.51	178	968255	41.24	ng		99
72) Carbazole	17.77	167	968523	42.62	ng		99
73) Di-n-butylphthalate	18.33	149	1139050	42.50	ng		99
74) Fluoranthene	19.42	202	1228016	42.77	ng		99
76) Benzidine	19.60	184	603851	41.48	ng		99
77) Pyrene	19.79	202	1249647	41.95	ng		99
79) Butylbenzylphthalate	20.67	149	507715	41.92	ng		100
80) Benzo(a)anthracene	21.62	228	1150683	41.23	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	294118	27.74	ng		96
82) Chrysene	21.69	228	1050344	39.97	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	742224	42.48	ng		96
84) Di-n-octyl phthalate	22.73	149	1253726	42.43	ng		98
85) Indeno(1,2,3-cd)pyrene	28.47	276	1379716	41.35	ng	#	100
87) Benzo(b)fluoranthene	23.81	252	1205721	41.89	ng		99
88) Benzo(k)fluoranthene	23.88	252	1162186	40.30	ng		99
89) Benzo(a)pyrene	24.68	252	1166308	42.58	ng		99
90) Dibenzo(a,h)anthracene	28.53	278	1099037	40.75	ng		99
91) Benzo(g,h,i)perylene	29.60	276	1134943	41.33	ng		99

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

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