Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG016994.D
Acq On : 9 May 2015 18:03
Operator : TP/IZ
Sample : PB83287BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83287BS

Manual Integrations APPROVED
apatel
5/19/2015 9:23:21 AM

Quant Time: May 11 02:39:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	54136	20.00	ng		-0.02
21) Naphthalene-d8	10.58	136	244202	20.00	ng		-0.01
38) Acenaphthene-d10	14.43	164	161344	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	389960	20.00	ng		-0.02
75) Chrysene-d12	21.35	240	415421	20.00	ng		-0.02
86) Perylene-d12	23.65	264	399411	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	346062	111.31	ng		-0.01
7) Phenol-d6	6.97	99	479546	107.96	ng		0.00
23) Nitrobenzene-d5	8.95	82	540538	108.13	ng		-0.01
41) 2,4,6-Tribromophenol	15.92	330	186837	115.35	ng		-0.01
44) 2-Fluorobiphenyl	13.05	172	1094397	102.36	ng		-0.02
78) Terphenyl-d14	19.80	244	1977684	111.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	46437	35.64	ng	#	1
3) Pyridine	3.68	79	144877	35.97	ng		97
4) n-Nitrosodimethylamine	3.59	42	104272	43.36	ng		98
6) Aniline	7.12	93	181477	29.10	ng		97
8) 2-Chlorophenol	7.36	128	175589	48.75	ng		96
9) Benzaldehyde	6.93	77	98257	29.79	ng		96
10) Phenol	6.99	94	239987	50.38	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	158773	43.11	ng		97
12) 1,3-Dichlorobenzene	7.68	146	161645	40.70	ng		94
13) 1,4-Dichlorobenzene	7.82	146	162920	40.50	ng		95
14) 1,2-Dichlorobenzene	8.14	146	160878	41.67	ng	#	94
15) Benzyl Alcohol	8.03	79	187252	46.16	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.33	45	280255	41.11	ng		97
17) 2-Methylphenol	8.23	107	157600	46.99	ng		99
18) Hexachloroethane	8.86	117	67962	41.10	ng		97
19) n-Nitroso-di-n-propylamine	8.59	70	154876	39.76	ng		95
20) 3+4-Methylphenols	8.56	107	220344	47.67	ng		95
22) Acetophenone	8.61	105	250849	43.13	ng		96
24) Nitrobenzene	8.99	77	217204	43.03	ng		99
25) Isophorone	9.51	82	404871	40.11	ng		97
26) 2-Nitrophenol	9.70	139	99223	48.28	ng		98
27) 2,4-Dimethylphenol	9.76	122	177500	47.72	ng		94
28) bis(2-Chloroethoxy)methane	10.00	93	216815	42.56	ng		97
29) 2,4-Dichlorophenol	10.23	162	170605	48.55	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	158778	42.61	ng		96
31) Naphthalene	10.63	128	513248	42.26	ng		99
32) Benzoic acid	9.90	122	119462	51.78	ng		96
33) 4-Chloroaniline	10.74	127	85001	15.15	ng		96
34) Hexachlorobutadiene	10.92	225	94097	40.35	ng		95
35) Caprolactam	11.51	113	85962m	47.09	ng		
36) 4-Chloro-3-methylphenol	11.87	107	220241	48.95	ng		98
37) 2-Methylnaphthalene	12.25	142	389973	42.15	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	178334	40.89	ng	#	100
40) Hexachlorocyclopentadiene	12.59	237	242650	86.15	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	138200	44.71	ng		94
43) 2,4,5-Trichlorophenol	12.93	196	156118	47.59	ng		96
45) 1,1'-Biphenyl	13.26	154	498520	43.16	ng		100
46) 2-Chloronaphthalene	13.30	162	390840	42.72	ng		96
47) 2-Nitroaniline	13.51	65	170402	53.50	ng		94
48) Acenaphthylene	14.15	152	685021	42.99	ng		99
49) Dimethylphthalate	13.89	163	540081	44.83	ng		99
50) 2,6-Dinitrotoluene	14.01	165	129464	51.76	ng		94
51) Acenaphthene	14.49	154	405883	42.80	ng		97
52) 3-Nitroaniline	14.34	138	92669	32.56	ng		95
53) 2,4-Dinitrophenol	14.54	184	137311	120.02	ng	#	84
54) Dibenzofuran	14.83	168	625184	46.43	ng		95
55) 4-Nitrophenol	14.65	139	264050	109.43	ng		96
56) 2,4-Dinitrotoluene	14.80	165	183488	57.34	ng		96
57) Fluorene	15.48	166	545417	45.75	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	145369	51.35	ng	#	77
59) Diethylphthalate	15.26	149	592764	46.61	ng		100
60) 4-Chlorophenyl-phenylether	15.47	204	275374	45.97	ng		96
61) 4-Nitroaniline	15.50	138	168170	50.97	ng		88
62) Azobenzene	15.77	77	639760	48.57	ng		96
64) 4,6-Dinitro-2-methylphenol	15.56	198	104337	53.96	ng		97
65) n-Nitrosodiphenylamine	15.69	169	488526	41.04	ng		97
66) 4-Bromophenyl-phenylether	16.37	248	167732	42.85	ng		96
67) Hexachlorobenzene	16.48	284	177399	42.98	ng		98
68) Atrazine	16.64	200	201361	47.00	ng		95
69) Pentachlorophenol	16.82	266	257887	96.23	ng		97
70) Phenanthrene	17.22	178	874813	43.59	ng		98
71) Anthracene	17.31	178	904956	44.70	ng		99
72) Carbazole	17.58	167	891055	46.30	ng		99
73) Di-n-butylphthalate	18.14	149	1166006	46.73	ng		99
74) Fluoranthene	19.23	202	1084817	46.59	ng		98
76) Benzidine	19.42	184	382489	27.10	ng		100
77) Pyrene	19.59	202	1114897	45.47	ng		98
79) Butylbenzylphthalate	20.49	149	535294	45.94	ng		99
80) Benzo(a)anthracene	21.33	228	1026328	46.05	ng		98
81) 3,3'-Dichlorobenzidine	21.27	252	224405	25.79	ng		97
82) Chrysene	21.38	228	953148	45.66	ng		98
83) Bis(2-ethylhexyl)phthalate	21.27	149	708244	44.43	ng		98
84) Di-n-octyl phthalate	22.15	149	1192839	44.55	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1143710	45.98	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	1002760	45.07	ng		99
88) Benzo(k)fluoranthene	23.00	252	990740	46.28	ng		99
89) Benzo(a)pyrene	23.55	252	982513	47.35	ng		99
90) Dibenzo(a,h)anthracene	26.02	278	965429	45.55	ng		97
91) Benzo(g,h,i)perylene	26.73	276	935161	46.34	ng		99

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

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