Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027259.D
Acq On : 6 Jun 2017 21:28
Operator : SJ/MA
Sample : PB99501BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99501BS

Manual Integrations APPROVED
mohammad
6/8/2017 8:24:52 AM

Quant Time: Jun 07 05:53:54 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	59605	20.00	ng		-0.01
21) Naphthalene-d8	11.39	136	295722	20.00	ng		-0.01
38) Acenaphthene-d10	15.15	164	188154	20.00	ng		-0.01
63) Phenanthrene-d10	17.90	188	411250	20.00	ng		-0.02
75) Chrysene-d12	22.29	240	454731	20.00	ng		-0.02
86) Perylene-d12	25.99	264	417157	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	611198	156.47	ng		0.00
7) Phenol-d6	7.70	99	855235	149.16	ng		0.00
23) Nitrobenzene-d5	9.73	82	469115	99.76	ng		-0.01
41) 2,4,6-Tribromophenol	16.63	330	361319	145.83	ng		-0.01
44) 2-Fluorobiphenyl	13.78	172	1170632	87.04	ng		-0.01
78) Terphenyl-d14	20.48	244	1578766	88.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	50987	31.481	ng	#	79
3) Pyridine	4.54	79	164919	33.032	ng	#	73
4) n-Nitrosodimethylamine	4.45	42	79903	43.223	ng	#	48
6) Aniline	7.89	93	282108	39.071	ng	#	93
8) 2-Chlorophenol	8.13	128	206426	50.048	ng		90
9) Benzaldehyde	7.71	77	100020	25.230	ng		84
10) Phenol	7.73	94	300230	51.203	ng		77
11) bis(2-Chloroethyl)ether	7.97	93	201163	41.819	ng		85
12) 1,3-Dichlorobenzene	8.45	146	192473	41.374	ng	#	92
13) 1,4-Dichlorobenzene	8.60	146	198716	41.622	ng		96
14) 1,2-Dichlorobenzene	8.92	146	191367	41.095	ng		93
15) Benzyl Alcohol	8.79	79	204017	50.501	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	9.08	45	303249	44.059	ng		92
17) 2-Methylphenol	8.98	107	199838	48.214	ng	#	87
18) Hexachloroethane	9.66	117	69670	43.320	ng		87
19) n-Nitroso-di-n-propylamine	9.36	70	174933	43.612	ng	#	86
20) 3+4-Methylphenols	9.31	107	277950	48.411	ng		90
22) Acetophenone	9.38	105	320883	42.430	ng	#	83
24) Nitrobenzene	9.77	77	244819	45.700	ng	#	86
25) Isophorone	10.29	82	479104	43.330	ng	#	96
26) 2-Nitrophenol	10.48	139	107447	48.553	ng	#	75
27) 2,4-Dimethylphenol	10.52	122	233846	49.189	ng		92
28) bis(2-Chloroethoxy)methane	10.76	93	303247	42.356	ng		99
29) 2,4-Dichlorophenol	11.02	162	213188	49.121	ng		98
30) 1,2,4-Trichlorobenzene	11.24	180	198700	41.347	ng		98
31) Naphthalene	11.44	128	655656	40.567	ng		99
32) Benzoic acid	10.65	122	157941	48.025	ng	#	80
33) 4-Chloroaniline	11.53	127	147502	21.901	ng	#	87
34) Hexachlorobutadiene	11.71	225	118628	40.166	ng		96
35) Caprolactam	12.31	113	78039m	52.429	ng		
36) 4-Chloro-3-methylphenol	12.60	107	259182	47.647	ng		92
37) 2-Methylnaphthalene	13.00	142	490107m	41.572	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	240668	41.059	ng		98
40) Hexachlorocyclopentadiene	13.34	237	321589	103.081	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	174645	49.124	ng		97
43) 2,4,5-Trichlorophenol	13.66	196	190856	47.974	ng	#	91
45) 1,1'-Biphenyl	13.98	154	650458	42.354	ng		98
46) 2-Chloronaphthalene	14.04	162	490351	42.586	ng		99
47) 2-Nitroaniline	14.22	65	161496	49.132	ng	#	83
48) Acenaphthylene	14.88	152	785918	40.331	ng		98
49) Dimethylphthalate	14.59	163	656238	43.967	ng		98
50) 2,6-Dinitrotoluene	14.71	165	138788	46.032	ng	#	76
51) Acenaphthene	15.22	154	568747	44.870	ng		98
52) 3-Nitroaniline	15.04	138	100332	33.503	ng		88
53) 2,4-Dinitrophenol	15.24	184	145693	92.917	ng		98
54) Dibenzofuran	15.55	168	788678	44.525	ng		91
55) 4-Nitrophenol	15.32	139	239770	84.658	ng	#	56
56) 2,4-Dinitrotoluene	15.49	165	191667	49.204	ng	#	85
57) Fluorene	16.19	166	638811	40.604	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.76	232	179196	50.458	ng		100
59) Diethylphthalate	15.94	149	653526	43.897	ng		98
60) 4-Chlorophenyl-phenylether	16.17	204	331088	41.777	ng		95
61) 4-Nitroaniline	16.21	138	146524	45.830	ng	#	65
62) Azobenzene	16.47	77	652607	47.296	ng		90
64) 4,6-Dinitro-2-methylphenol	16.26	198	103812	54.254	ng		94
65) n-Nitrosodiphenylamine	16.39	169	568571	44.099	ng		99
66) 4-Bromophenyl-phenylether	17.07	248	218274	44.844	ng		97
67) Hexachlorobenzene	17.20	284	228635	43.671	ng		91
68) Atrazine	17.33	200	200943	46.607	ng		98
69) Pentachlorophenol	17.54	266	283276	92.309	ng		97
70) Phenanthrene	17.94	178	994642	42.987	ng		96
71) Anthracene	18.03	178	1000721	43.171	ng		99
72) Carbazole	18.30	167	870790	39.829	ng		95
73) Di-n-butylphthalate	18.82	149	1012002	47.735	ng	#	94
74) Fluoranthene	19.93	202	1087269	43.987	ng		94
76) Benzidine	20.10	184	440586	32.164	ng		97
77) Pyrene	20.29	202	1112838	40.503	ng		97
79) Butylbenzylphthalate	21.18	149	452264	46.586	ng		91
80) Benzo(a)anthracene	22.26	228	1112966	42.918	ng		96
81) 3,3'-Dichlorobenzidine	22.16	252	296012	29.342	ng	#	97
82) Chrysene	22.34	228	1048514	42.114	ng		96
83) Bis(2-ethylhexyl)phthalate	22.13	149	646932	44.095	ng		99
84) Di-n-octyl phthalate	23.52	149	1117419	45.987	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.25	276	1325370	43.955	ng	#	94
87) Benzo(b)fluoranthene	24.80	252	1142410	44.157	ng	#	97
88) Benzo(k)fluoranthene	24.88	252	1105520	43.556	ng	#	93
89) Benzo(a)pyrene	25.81	252	1089182	44.721	ng	#	94
90) Dibenzo(a,h)anthracene	30.33	278	1137738	44.626	ng	#	95
91) Benzo(g,h,i)perylene	31.59	276	1083709	43.891	ng	#	91

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

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