Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091417\
Data File : BG028733.D
Acq On : 14 Sep 2017 15:22
Operator : SJ/JU
Sample : I5187-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMS

Manual Integrations APPROVED
Sohil
9/15/2017 5:45:54 PM

Quant Time: Sep 15 08:34:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	24948	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	107852	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	87143	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	258132	20.00	ng		0.00
75) Chrysene-d12	22.02	240	290618	20.00	ng		0.00
86) Perylene-d12	25.52	264	300999	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	228292	150.99	ng		0.00
7) Phenol-d6	7.48	99	329334	144.67	ng		0.00
23) Nitrobenzene-d5	9.50	82	198860	88.20	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	227541	157.87	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	488367	74.73	ng		0.00
78) Terphenyl-d14	20.28	244	966716	70.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	23334	38.110	ng	#	94
3) Pyridine	4.23	79	66090	37.840	ng		93
4) n-Nitrosodimethylamine	4.14	42	35029	44.089	ng	#	80
6) Aniline	7.65	93	107057	40.409	ng		93
8) 2-Chlorophenol	7.89	128	79790	47.339	ng		96
9) Benzaldehyde	7.47	77	49067	34.742	ng		90
10) Phenol	7.51	94	124188	51.692	ng		87
11) bis(2-Chloroethyl)ether	7.74	93	74286	43.068	ng		88
12) 1,3-Dichlorobenzene	8.22	146	74535	41.068	ng		93
13) 1,4-Dichlorobenzene	8.36	146	74808	40.085	ng		96
14) 1,2-Dichlorobenzene	8.69	146	75085	40.724	ng		92
15) Benzyl Alcohol	8.57	79	86939	48.923	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.85	45	128765	41.076	ng		97
17) 2-Methylphenol	8.77	107	77950	49.653	ng		93
18) Hexachloroethane	9.42	117	26735	39.086	ng		92
19) n-Nitroso-di-n-propylamine	9.13	70	70324	43.578	ng	#	86
20) 3+4-Methylphenols	9.09	107	112350	51.165	ng		91
22) Acetophenone	9.16	105	127639	40.475	ng	#	86
24) Nitrobenzene	9.54	77	104492	41.855	ng	#	88
25) Isophorone	10.06	82	197279	43.245	ng		97
26) 2-Nitrophenol	10.26	139	47167	44.392	ng		87
27) 2,4-Dimethylphenol	10.30	122	90129	46.406	ng		97
28) bis(2-Chloroethoxy)methane	10.53	93	109994	44.400	ng		96
29) 2,4-Dichlorophenol	10.80	162	96826	50.106	ng		95
30) 1,2,4-Trichlorobenzene	11.01	180	90103	40.873	ng		92
31) Naphthalene	11.20	128	240465	42.689	ng		99
32) Benzoic acid	10.42	122	3174	8.095	ng	#	69
33) 4-Chloroaniline	11.31	127	84459	35.792	ng	#	91
34) Hexachlorobutadiene	11.47	225	62917	38.749	ng		98
35) Caprolactam	12.09	113	38965m	56.229	ng		
36) 4-Chloro-3-methylphenol	12.41	107	121835	48.445	ng		97
37) 2-Methylnaphthalene	12.78	142	201689	47.957	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	129387	36.111	ng	#	95
40) Hexachlorocyclopentadiene	13.12	237	104504	75.546	ng		92

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	95554	42.018	ng		95
43) 2,4,5-Trichlorophenol	13.46	196	104672	45.806	ng		94
45) 1,1'-Biphenyl	13.77	154	277136	38.410	ng		95
46) 2-Chloronaphthalene	13.82	162	218439	41.508	ng		97
47) 2-Nitroaniline	14.03	65	94485	48.309	ng		92
48) Acenaphthylene	14.67	152	362545	43.121	ng		98
49) Dimethylphthalate	14.38	163	397438	54.388	ng		99
50) 2,6-Dinitrotoluene	14.52	165	77537	47.686	ng	#	76
51) Acenaphthene	15.00	154	218628	42.807	ng		97
52) 3-Nitroaniline	14.85	138	61533	42.794	ng		84
53) 2,4-Dinitrophenol	15.07	184	32733	42.385	ng		97
54) Dibenzofuran	15.34	168	389116	47.775	ng		94
55) 4-Nitrophenol	15.16	139	102254	97.064	ng	#	76
56) 2,4-Dinitrotoluene	15.30	165	115967	50.723	ng	#	85
57) Fluorene	15.98	166	343177	47.196	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	111355	55.291	ng	#	93
59) Diethylphthalate	15.74	149	355095	47.286	ng		99
60) 4-Chlorophenyl-phenylether	15.97	204	192267	46.436	ng		93
61) 4-Nitroaniline	16.02	138	78876	51.779	ng	#	84
62) Azobenzene	16.26	77	319582	50.601	ng		91
64) 4,6-Dinitro-2-methylphenol	16.07	198	62798	37.702	ng		97
65) n-Nitrosodiphenylamine	16.18	169	303311	40.989	ng		99
66) 4-Bromophenyl-phenylether	16.87	248	138523	41.706	ng		93
67) Hexachlorobenzene	17.00	284	146730	38.814	ng	#	87
68) Atrazine	17.13	200	138927	43.726	ng		98
69) Pentachlorophenol	17.35	266	144490	84.595	ng		94
70) Phenanthrene	17.73	178	577395	43.741	ng		96
71) Anthracene	17.83	178	595633	44.668	ng		97
72) Carbazole	18.10	167	523772	43.613	ng		95
73) Di-n-butylphthalate	18.62	149	621154	42.182	ng	#	94
74) Fluoranthene	19.73	202	735668	45.643	ng		93
76) Benzidine	19.91	184	366449	48.624	ng		94
77) Pyrene	20.10	202	741751	44.249	ng		95
79) Butylbenzylphthalate	20.96	149	288015	42.543	ng		93
80) Benzo(a)anthracene	22.01	228	786684	44.971	ng		95
81) 3,3'-Dichlorobenzidine	21.91	252	237202	33.444	ng	#	98
82) Chrysene	22.08	228	732807	44.150	ng		96
83) Bis(2-ethylhexyl)phthalate	21.85	149	416304	43.254	ng		100
84) Di-n-octyl phthalate	23.15	149	721257	42.891	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.54	276	951513	44.617	ng	#	95
87) Benzo(b)fluoranthene	24.40	252	816030	45.251	ng		98
88) Benzo(k)fluoranthene	24.48	252	774490	42.996	ng		94
89) Benzo(a)pyrene	25.36	252	774256	45.232	ng		97
90) Dibenzo(a,h)anthracene	29.62	278	806124	45.171	ng		98
91) Benzo(g,h,i)perylene	30.81	276	771385	44.300	ng		98

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

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