Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037686.D
Acq On : 31 Oct 2018 16:18
Operator : JU/SJ
Sample : J5737-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Manual Integrations APPROVED
Sohil
11/1/2018 10:43:46 AM

Quant Time: Nov 01 06:51:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	63434	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	288739	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	191599	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	432892	20.00	ng		0.00
76) Chrysene-d12	21.77	240	380961	20.00	ng		0.00
87) Perylene-d12	25.10	264	400316	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	603118	158.96	ng		0.00
7) Phenol-d6	7.25	99	871661	151.93	ng		0.00
23) Nitrobenzene-d5	9.28	82	516805	100.27	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	308928	147.83	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1189058	93.58	ng		0.00
79) Terphenyl-d14	20.08	244	1612824	90.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	56326	29.273	ng		96
3) Pyridine	3.93	79	148186	30.555	ng		93
4) n-Nitrosodimethylamine	3.85	42	85288	49.374	ng	#	89
6) Aniline	7.43	93	257444	36.782	ng		99
8) 2-Chlorophenol	7.66	128	219941	49.551	ng		98
9) Benzaldehyde	7.24	77	170459	47.496	ng		98
10) Phenol	7.28	94	356484	58.889	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	205168	44.625	ng		97
12) 1,3-Dichlorobenzene	7.99	146	209519	42.400	ng		97
13) 1,4-Dichlorobenzene	8.13	146	210964	41.737	ng		99
14) 1,2-Dichlorobenzene	8.46	146	207415	42.658	ng		96
15) Benzyl Alcohol	8.34	79	204208	48.170	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	378286	45.984	ng		97
17) 2-Methylphenol	8.53	107	206688	51.645	ng		98
18) Hexachloroethane	9.19	117	76617	44.461	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	178561	45.196	ng		96
20) 3+4-Methylphenols	8.86	107	290300	50.735	ng		99
22) Acetophenone	8.93	105	335298	46.303	ng	#	98
24) Nitrobenzene	9.32	77	257354	48.063	ng		95
25) Isophorone	9.84	82	507846	53.924	ng		97
26) 2-Nitrophenol	10.03	139	129905	53.854	ng		98
27) 2,4-Dimethylphenol	10.07	122	242223	56.241	ng		99
28) bis(2-Chloroethoxy)methane	10.32	93	303335	49.160	ng		96
29) 2,4-Dichlorophenol	10.56	162	248138	51.746	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	235879	45.233	ng		97
31) Naphthalene	10.97	128	700286	49.378	ng		99
32) Benzoic acid	10.19	122	62536	22.355	ng		95
33) 4-Chloroaniline	11.08	127	150049	22.518	ng		97
34) Hexachlorobutadiene	11.24	225	136475	44.157	ng		97
35) Caprolactam	11.88	113	91098m	47.367	ng		
36) 4-Chloro-3-methylphenol	12.19	107	271104	50.130	ng		99
37) 2-Methylnaphthalene	12.57	142	537429	51.985	ng		98
38) 1-Methylnaphthalene	12.79	142	512633	51.060	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	274475	44.413	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	305337	103.431	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	208201	50.426	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	225556	50.176	ng		96
46) 1,1'-Biphenyl	13.57	154	689419	43.448	ng		98
47) 2-Chloronaphthalene	13.62	162	550610	45.866	ng		99
48) 2-Nitroaniline	13.83	65	182876	50.235	ng		93
49) Acenaphthylene	14.46	152	896292	49.633	ng		98
50) Dimethylphthalate	14.19	163	838903	56.597	ng		99
51) 2,6-Dinitrotoluene	14.32	165	163088	49.737	ng		97
52) Acenaphthene	14.80	154	527790	47.457	ng		99
53) 3-Nitroaniline	14.65	138	125044	34.351	ng	#	99
54) 2,4-Dinitrophenol	14.85	184	107052	76.044	ng		97
55) Dibenzofuran	15.13	168	830341	45.063	ng		98
56) 4-Nitrophenol	14.95	139	355986	132.118	ng		99
57) 2,4-Dinitrotoluene	15.10	165	226866	52.707	ng		96
58) Fluorene	15.78	166	677430	49.094	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	192113	49.913	ng		98
60) Diethylphthalate	15.54	149	713147	46.864	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	356357	44.308	ng		99
62) 4-Nitroaniline	15.81	138	171329	47.366	ng		94
63) Azobenzene	16.06	77	680770	46.887	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	111107	48.749	ng		94
66) n-Nitrosodiphenylamine	15.98	169	611006	46.923	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	225254	47.383	ng		98
68) Hexachlorobenzene	16.78	284	224082	45.481	ng		98
69) Atrazine	16.93	200	220602	46.857	ng		99
70) Pentachlorophenol	17.12	266	266234	80.671	ng		97
71) Phenanthrene	17.53	178	1081004	49.134	ng		99
72) Anthracene	17.62	178	1090828	50.523	ng		96
73) Carbazole	17.89	167	979453	45.351	ng		98
74) Di-n-butylphthalate	18.42	149	1168243	48.626	ng		99
75) Fluoranthene	19.53	202	1218875	48.846	ng		97
77) Benzidine	19.72	184	531347	41.019	ng		99
78) Pyrene	19.89	202	1198611	48.129	ng		98
80) Butylbenzylphthalate	20.76	149	533096	52.304	ng		100
81) Benzo(a)anthracene	21.75	228	1138003	50.503	ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	275142	31.502	ng		99
83) Chrysene	21.82	228	1055270	48.703	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	753820	52.764	ng		98
85) Di-n-octyl phthalate	22.86	149	1269745	54.503	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	1175434	50.578	ng		98
88) Benzo(b)fluoranthene	24.03	252	1116228	50.861	ng		97
89) Benzo(k)fluoranthene	24.11	252	1098151	51.072	ng		97
90) Benzo(a)pyrene	24.94	252	1093996	52.458	ng		98
91) Dibenzo(a,h)anthracene	28.99	278	949665	49.367	ng	#	97
92) Benzo(g,h,i)perylene	30.14	276	959129	49.282	ng		100

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

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