Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037936.D
Acq On : 10 Nov 2018 1:09
Operator : JU/SJ
Sample : J5863-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT-3263MSD

Manual Integrations APPROVED
Sohil
11/12/2018 11:10:35 AM

Quant Time: Nov 12 07:21:57 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	8.09	152	46397	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	203029	20.00	ng		-0.01
39) Acenaphthene-d10	14.73	164	134554	20.00	ng		-0.01
64) Phenanthrene-d10	17.48	188	304741	20.00	ng		0.00
76) Chrysene-d12	21.76	240	271524	20.00	ng		-0.01
87) Perylene-d12	25.09	264	266592	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	313071	112.81	ng		0.00
7) Phenol-d6	7.24	99	412937	98.40	ng		0.00
23) Nitrobenzene-d5	9.28	82	303223	83.66	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	183794	125.24	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	687738	77.07	ng		-0.02
79) Terphenyl-d14	20.07	244	1079564	84.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	44169	31.384	ng	#	1
3) Pyridine	3.94	79	130990	36.928	ng		98
4) n-Nitrosodimethylamine	3.85	42	59873	47.388	ng	#	97
6) Aniline	7.42	93	53586	10.467	ng		98
8) 2-Chlorophenol	7.65	128	157600	48.544	ng		98
9) Benzaldehyde	7.24	77	90993	34.664	ng		95
10) Phenol	7.27	94	176486	39.860	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	155104	46.123	ng		94
12) 1,3-Dichlorobenzene	7.98	146	166850	46.164	ng		99
13) 1,4-Dichlorobenzene	8.13	146	170564	46.135	ng		98
14) 1,2-Dichlorobenzene	8.45	146	161943	45.536	ng		97
15) Benzyl Alcohol	8.33	79	139161	44.880	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.62	45	277985	46.199	ng		96
17) 2-Methylphenol	8.53	107	138864	47.439	ng		99
18) Hexachloroethane	9.18	117	61614	48.884	ng		92
19) n-Nitroso-di-n-propylamine	8.90	70	126398	43.741	ng		95
20) 3+4-Methylphenols	8.86	107	195852	46.797	ng		99
22) Acetophenone	8.92	105	241965	47.520	ng	#	99
24) Nitrobenzene	9.32	77	189612	50.360	ng		96
25) Isophorone	9.83	82	367628	55.515	ng		97
26) 2-Nitrophenol	10.02	139	93892	55.356	ng		97
27) 2,4-Dimethylphenol	10.07	122	168180	55.534	ng		98
28) bis(2-Chloroethoxy)methane	10.31	93	222022	51.172	ng		99
29) 2,4-Dichlorophenol	10.56	162	176220	52.262	ng		98
30) 1,2,4-Trichlorobenzene	10.77	180	175937	47.981	ng		96
31) Naphthalene	10.97	128	528671	53.014	ng		99
32) Benzoic acid	10.18	122	63951m	32.512	ng		
33) 4-Chloroaniline	11.08	127	14341	3.061	ng		98
34) Hexachlorobutadiene	11.23	225	106267	48.898	ng		97
35) Caprolactam	11.86	113	47556	35.166	ng		96
36) 4-Chloro-3-methylphenol	12.18	107	193974	51.010	ng		96
37) 2-Methylnaphthalene	12.56	142	398893	54.873	ng		100
38) 1-Methylnaphthalene	12.78	142	378497	53.614	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	212620	48.990	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	234892	113.302	ng		100
43) 2,4,6-Trichlorophenol	13.16	196	150013	51.737	ng		100
44) 2,4,5-Trichlorophenol	13.24	196	162798	51.568	ng		99
46) 1,1'-Biphenyl	13.56	154	515874	46.294	ng		99
47) 2-Chloronaphthalene	13.61	162	413286	49.023	ng		99
48) 2-Nitroaniline	13.82	65	136352	53.334	ng		95
49) Acenaphthylene	14.46	152	677251	53.404	ng		100
50) Dimethylphthalate	14.18	163	527666	50.692	ng		100
51) 2,6-Dinitrotoluene	14.31	165	121034	52.561	ng		90
52) Acenaphthene	14.79	154	396798	50.805	ng		98
53) 3-Nitroaniline	14.64	138	33648	13.162	ng	#	86
54) 2,4-Dinitrophenol	14.84	184	37975	49.941	ng		89
55) Dibenzofuran	15.13	168	636547	49.191	ng		99
56) 4-Nitrophenol	14.94	139	173711	91.802	ng		93
57) 2,4-Dinitrotoluene	15.09	165	169408	56.044	ng		95
58) Fluorene	15.77	166	511501	52.785	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	138601	51.277	ng		99
60) Diethylphthalate	15.53	149	542971	50.808	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	272491	48.244	ng		98
62) 4-Nitroaniline	15.81	138	120326	47.369	ng		93
63) Azobenzene	16.06	77	508640	49.884	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	51125	34.811	ng		99
66) n-Nitrosodiphenylamine	15.98	169	462685	50.475	ng		100
67) 4-Bromophenyl-phenylether	16.65	248	168980	50.494	ng		99
68) Hexachlorobenzene	16.77	284	171252	49.375	ng		99
69) Atrazine	16.92	200	172920	52.175	ng		99
70) Pentachlorophenol	17.11	266	134898	58.064	ng		96
71) Phenanthrene	17.52	178	825304	53.287	ng		100
72) Anthracene	17.61	178	832338	54.762	ng		98
73) Carbazole	17.88	167	751973	49.460	ng		100
74) Di-n-butylphthalate	18.42	149	905386	53.533	ng		100
75) Fluoranthene	19.52	202	945626	53.832	ng		99
77) Benzidine	19.71	184	113433	12.286	ng		98
78) Pyrene	19.89	202	944144	53.191	ng		99
80) Butylbenzylphthalate	20.76	149	403469	55.541	ng		97
81) Benzo(a)anthracene	21.74	228	869904	54.164	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	90267	14.500	ng		99
83) Chrysene	21.81	228	831096	53.816	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	571050	56.081	ng		99
85) Di-n-octyl phthalate	22.85	149	949361	57.176	ng		98
86) Indeno(1,2,3-cd)pyrene	28.90	276	659783	39.833	ng		98
88) Benzo(b)fluoranthene	24.02	252	817329	55.922	ng		99
89) Benzo(k)fluoranthene	24.09	252	852558	59.539	ng		98
90) Benzo(a)pyrene	24.93	252	779644	56.137	ng		99
91) Dibenzo(a,h)anthracene	28.97	278	534315	41.708	ng		98
92) Benzo(g,h,i)perylene	30.11	276	585102	45.144	ng		99

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

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