Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041143.D
Acq On : 8 Jun 2019 21:13
Operator : HP/JU
Sample : K3246-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-047MSD

Quant Time: Jun 10 04:30:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53456	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	207242	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	145033	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	343550	20.00	ng		0.00
76) Chrysene-d12	21.76	240	341362	20.00	ng		0.00
87) Perylene-d12	25.08	264	370575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	474317	160.00	ng		0.00
7) Phenol-d6	7.26	99	701145	153.14	ng		0.01
23) Nitrobenzene-d5	9.29	82	464067	99.41	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	326292	151.54	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	939796	93.32	ng		0.00
79) Terphenyl-d14	20.07	244	1395452	86.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	47676	35.441	ng		93
3) Pyridine	3.91	79	139790	35.119	ng		95
4) n-Nitrosodimethylamine	3.83	42	86066	46.588	ng		92
6) Aniline	7.43	93	141216	23.108	ng		100
8) 2-Chlorophenol	7.67	128	180556	51.088	ng		95
9) Benzaldehyde	7.24	77	59349	21.731	ng		95
10) Phenol	7.28	94	257661	52.488	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	165664	46.520	ng		99
12) 1,3-Dichlorobenzene	7.99	146	189350	44.857	ng		95
13) 1,4-Dichlorobenzene	8.14	146	196014	45.876	ng		96
14) 1,2-Dichlorobenzene	8.46	146	185789	44.783	ng		97
15) Benzyl Alcohol	8.35	79	205541	48.532	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	257287	44.214	ng		98
17) 2-Methylphenol	8.54	107	172901	48.646	ng		98
18) Hexachloroethane	9.19	117	76403	46.395	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	159741	45.339	ng		96
20) 3+4-Methylphenols	8.87	107	236303	47.996	ng		98
22) Acetophenone	8.94	105	303754	52.250	ng	#	97
24) Nitrobenzene	9.33	77	247329	51.989	ng		98
25) Isophorone	9.85	82	450400	50.697	ng		97
26) 2-Nitrophenol	10.04	139	112632	57.429	ng		94
27) 2,4-Dimethylphenol	10.08	122	187657	57.935	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	236447	49.311	ng		99
29) 2,4-Dichlorophenol	10.57	162	217157	52.794	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	239049	51.088	ng		99
31) Naphthalene	10.98	128	575632	51.733	ng		99
32) Benzoic acid	10.18	122	34356	19.460	ng		91
33) 4-Chloroaniline	11.09	127	87213	16.893	ng		95
34) Hexachlorobutadiene	11.24	225	173228	48.384	ng		98
35) Caprolactam	11.88	113	64314m	47.349	ng		
36) 4-Chloro-3-methylphenol	12.20	107	237805	50.623	ng		96
37) 2-Methylnaphthalene	12.58	142	425517	49.653	ng		98
38) 1-Methylnaphthalene	12.80	142	407085	50.409	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	311549	53.296	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	292262	91.670	ng		100
43) 2,4,6-Trichlorophenol	13.18	196	202839	53.638	ng		95
44) 2,4,5-Trichlorophenol	13.25	196	207055	51.917	ng		98
46) 1,1'-Biphenyl	13.57	154	563625	52.500	ng		100
47) 2-Chloronaphthalene	13.62	162	471522	51.161	ng		99
48) 2-Nitroaniline	13.83	65	164453	49.738	ng		98
49) Acenaphthylene	14.46	152	704871	50.816	ng		99
50) Dimethylphthalate	14.19	163	714079	58.164	ng		99
51) 2,6-Dinitrotoluene	14.32	165	135954	51.360	ng		96
52) Acenaphthene	14.80	154	414970	49.383	ng		97
53) 3-Nitroaniline	14.65	138	87860	33.193	ng		97
54) 2,4-Dinitrophenol	14.86	184	75882	61.613	ng		100
55) Dibenzofuran	15.13	168	712721	50.407	ng		98
56) 4-Nitrophenol	14.95	139	204582	112.682	ng		94
57) 2,4-Dinitrotoluene	15.10	165	190530	50.955	ng		98
58) Fluorene	15.78	166	549186	48.771	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	206851	52.776	ng		99
60) Diethylphthalate	15.54	149	602817	48.113	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	350217	47.850	ng		95
62) 4-Nitroaniline	15.82	138	131504	46.928	ng		94
63) Azobenzene	16.06	77	544886	47.849	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	91691	49.483	ng		99
66) n-Nitrosodiphenylamine	15.99	169	506168	52.411	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	227983	49.173	ng		97
68) Hexachlorobenzene	16.77	284	232749	47.144	ng		96
69) Atrazine	16.93	200	214710	57.618	ng		97
70) Pentachlorophenol	17.13	266	272359	101.759	ng		96
71) Phenanthrene	17.52	178	907403	50.707	ng		97
72) Anthracene	17.62	178	924917	52.405	ng		100
73) Carbazole	17.89	167	822768	54.330	ng		100
74) Di-n-butylphthalate	18.42	149	929216	49.369	ng		98
75) Fluoranthene	19.53	202	1141440	51.641	ng		99
77) Benzidine	19.71	184	367429	45.120	ng		96
78) Pyrene	19.89	202	1133379	51.074	ng		100
80) Butylbenzylphthalate	20.76	149	438834	50.816	ng		98
81) Benzo(a)anthracene	21.74	228	1104386	48.602	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	202267	25.308	ng		94
83) Chrysene	21.81	228	1088435	50.054	ng		97
84) Bis(2-ethylhexyl)phthalate	21.61	149	612604	50.393	ng		98
85) Di-n-octyl phthalate	22.85	149	1030764	50.911	ng		100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1331652	49.992	ng	#	99
88) Benzo(b)fluoranthene	24.02	252	1142289	50.821	ng		99
89) Benzo(k)fluoranthene	24.09	252	1079152	48.518	ng		98
90) Benzo(a)pyrene	24.93	252	1100186	51.304	ng		96
91) Dibenzo(a,h)anthracene	28.98	278	1105584	51.597	ng		100
92) Benzo(g,h,i)perylene	30.12	276	1079807	51.871	ng		99

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

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