Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040865.D
Acq On : 11 May 2019 3:38
Operator : HP/JU
Sample : K2750-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11995MS

Quant Time: May 11 06:46:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53875	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	215458	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	160420	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	425886	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	427940	20.00	ng		-0.04
87) Perylene-d12	25.14	264	469952	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	427603	139.91	ng		-0.02
7) Phenol-d6	7.28	99	586917	124.72	ng		-0.02
23) Nitrobenzene-d5	9.32	82	463067	99.31	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	377723	171.30	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	1055497	95.02	ng		-0.03
79) Terphenyl-d14	20.10	244	1939705	100.42	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	47272	34.010	ng	#	42
3) Pyridine	3.95	79	126259	31.339	ng		96
4) n-Nitrosodimethylamine	3.86	42	86298	38.618	ng		88
6) Aniline	7.46	93	105418	16.901	ng		97
8) 2-Chlorophenol	7.69	128	166787	44.693	ng		97
9) Benzaldehyde	7.27	77	84558	27.066	ng		92
10) Phenol	7.31	94	201226	39.780	ng		97
11) bis(2-Chloroethyl)ether	7.55	93	157469	41.513	ng		96
12) 1,3-Dichlorobenzene	8.02	146	157732	38.724	ng		99
13) 1,4-Dichlorobenzene	8.17	146	163599	39.620	ng		98
14) 1,2-Dichlorobenzene	8.49	146	155572	39.067	ng		98
15) Benzyl Alcohol	8.37	79	202471	41.351	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	262110	34.706	ng		95
17) 2-Methylphenol	8.56	107	155927	43.557	ng		93
18) Hexachloroethane	9.22	117	59997	35.421	ng		93
19) n-Nitroso-di-n-propylamine	8.94	70	164386	38.806	ng		96
20) 3+4-Methylphenols	8.89	107	217992	43.712	ng		98
22) Acetophenone	8.96	105	292861	48.881	ng	#	93
24) Nitrobenzene	9.36	77	239340	48.107	ng		95
25) Isophorone	9.87	82	466206	44.885	ng		95
26) 2-Nitrophenol	10.07	139	101021	56.646	ng		98
27) 2,4-Dimethylphenol	10.11	122	179145	53.539	ng		98
28) bis(2-Chloroethoxy)methane	10.35	93	239452	45.949	ng		99
29) 2,4-Dichlorophenol	10.60	162	210507	55.338	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	205592	48.736	ng		97
31) Naphthalene	11.01	128	523373	45.723	ng		100
32) Benzoic acid	10.16	122	11707m	5.111	ng		
33) 4-Chloroaniline	11.12	127	13276	2.616	ng	#	91
34) Hexachlorobutadiene	11.27	225	150272	48.251	ng		98
35) Caprolactam	11.90	113	56382m	37.541	ng		
36) 4-Chloro-3-methylphenol	12.22	107	240550	50.126	ng		97
37) 2-Methylnaphthalene	12.61	142	403107	47.101	ng		98
38) 1-Methylnaphthalene	12.82	142	392480	46.917	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	288721	48.313	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	371843	105.447	ng		97
43) 2,4,6-Trichlorophenol	13.20	196	201693	55.849	ng		98
44) 2,4,5-Trichlorophenol	13.27	196	213639	54.305	ng		95
46) 1,1'-Biphenyl	13.60	154	559096	44.889	ng		96
47) 2-Chloronaphthalene	13.65	162	460308	47.224	ng		97
48) 2-Nitroaniline	13.85	65	174988	50.434	ng		98
49) Acenaphthylene	14.49	152	737632	44.604	ng		99
50) Dimethylphthalate	14.22	163	652511	48.615	ng		100
51) 2,6-Dinitrotoluene	14.35	165	145483	55.537	ng		85
52) Acenaphthene	14.83	154	437221	45.398	ng		94
53) 3-Nitroaniline	14.67	138	40793	15.198	ng	#	86
54) 2,4-Dinitrophenol	14.87	184	66211	47.901	ng	#	92
55) Dibenzofuran	15.16	168	742882	47.094	ng		100
56) 4-Nitrophenol	14.97	139	212258	91.201	ng		92
57) 2,4-Dinitrotoluene	15.13	165	208174	58.483	ng	#	90
58) Fluorene	15.81	166	597339	46.850	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	225986	57.072	ng		96
60) Diethylphthalate	15.57	149	675318	47.687	ng		97
61) 4-Chlorophenyl-phenylether	15.80	204	374091	50.448	ng		96
62) 4-Nitroaniline	15.84	138	135935	45.275	ng		90
63) Azobenzene	16.09	77	624479	42.819	ng		94
65) 4,6-Dinitro-2-methylphenol	15.88	198	67956	34.694	ng		93
66) n-Nitrosodiphenylamine	16.01	169	561981	44.851	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	255461	48.146	ng		93
68) Hexachlorobenzene	16.80	284	267477	48.753	ng		93
69) Atrazine	16.95	200	253569	51.078	ng		99
70) Pentachlorophenol	17.15	266	261321	81.397	ng		100
71) Phenanthrene	17.55	178	1040507	45.359	ng		98
72) Anthracene	17.64	178	1071148	46.455	ng		98
73) Carbazole	17.91	167	941483	44.817	ng		99
74) Di-n-butylphthalate	18.45	149	1132174	44.652	ng		100
75) Fluoranthene	19.55	202	1369043	47.892	ng		98
77) Benzidine	19.73	184	93948	8.018	ng		99
78) Pyrene	19.92	202	1375128	51.270	ng		98
80) Butylbenzylphthalate	20.79	149	527155	50.428	ng		91
81) Benzo(a)anthracene	21.77	228	1324390	48.968	ng		97
82) 3,3'-Dichlorobenzidine	21.68	252	166503	17.272	ng		100
83) Chrysene	21.84	228	1307419	50.829	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	724616	48.019	ng		94
85) Di-n-octyl phthalate	22.89	149	1234371	48.571	ng		96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1643496	52.848	ng	#	87
88) Benzo(b)fluoranthene	24.07	252	1377400	47.963	ng		96
89) Benzo(k)fluoranthene	24.15	252	1355195m	50.530	ng		
90) Benzo(a)pyrene	24.99	252	1350303	49.673	ng	#	98
91) Dibenzo(a,h)anthracene	29.06	278	1351077	49.113	ng		96
92) Benzo(g,h,i)perylene	30.22	276	1362392	49.762	ng		98

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

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