Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042997.D
Acq On : 2 Oct 2019 22:57
Operator : JU
Sample : K5133-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-1MS

Manual Integrations APPROVED
mohammad
10/4/2019 8:18:04 AM

Quant Time: Oct 03 05:41:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	64560	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	248189	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	179227	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	431678	20.00	ng		0.00
76) Chrysene-d12	21.70	240	460468	20.00	ng		-0.01
87) Perylene-d12	24.92	264	547555	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	390706	108.00	ng		0.00
7) Phenol-d6	7.24	99	560346	107.56	ng		0.00
23) Nitrobenzene-d5	9.23	82	350753	68.69	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	335580	108.89	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	827415	66.93	ng		-0.01
79) Terphenyl-d14	20.04	244	1498914	69.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	50434	33.438	ng		96
3) Pyridine	3.95	79	128065	30.188	ng		94
4) n-Nitrosodimethylamine	3.86	42	80206	39.316	ng		90
6) Aniline	7.40	93	158390	25.187	ng		98
8) 2-Chlorophenol	7.64	128	167945	44.516	ng		97
9) Benzaldehyde	7.20	77	107472	33.760	ng		91
10) Phenol	7.27	94	221975	46.442	ng		96
11) bis(2-Chloroethyl)ether	7.49	93	144381	39.042	ng		98
12) 1,3-Dichlorobenzene	7.96	146	185028	38.446	ng		97
13) 1,4-Dichlorobenzene	8.10	146	191609	39.938	ng		98
14) 1,2-Dichlorobenzene	8.43	146	181822	39.807	ng		96
15) Benzyl Alcohol	8.31	79	163264	41.684	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	244862	34.478	ng		97
17) 2-Methylphenol	8.51	107	143282	42.843	ng		96
18) Hexachloroethane	9.15	117	67837	37.544	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	129650	37.901	ng	#	94
20) 3+4-Methylphenols	8.84	107	198684	43.352	ng		98
22) Acetophenone	8.89	105	248778	38.887	ng	#	97
24) Nitrobenzene	9.27	77	199886	41.040	ng		97
25) Isophorone	9.79	82	362096	40.371	ng		100
26) 2-Nitrophenol	9.98	139	97133	46.847	ng		98
27) 2,4-Dimethylphenol	10.04	122	159884	50.212	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	202944	39.880	ng		99
29) 2,4-Dichlorophenol	10.52	162	183558	46.352	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	204274	39.944	ng		99
31) Naphthalene	10.92	128	513846	42.058	ng		99
32) Benzoic acid	10.19	122	104822	43.221	ng		93
33) 4-Chloroaniline	11.03	127	92698	17.485	ng		98
34) Hexachlorobutadiene	11.21	225	147689	38.570	ng		96
35) Caprolactam	11.80	113	57901m	41.461	ng		
36) 4-Chloro-3-methylphenol	12.15	107	198137	46.017	ng		94
37) 2-Methylnaphthalene	12.52	142	393505	42.220	ng		97
38) 1-Methylnaphthalene	12.74	142	372211	42.204	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	263212	39.059	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042997.D
Acq On : 2 Oct 2019 22:57
Operator : JU
Sample : K5133-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-1MS

Manual Integrations APPROVED
mohammad
10/4/2019 8:18:04 AM

Quant Time: Oct 03 05:41:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	318502	74.180 ng	95
43) 2,4,6-Trichlorophenol	13.13	196	172707	43.787 ng	98
44) 2,4,5-Trichlorophenol	13.20	196	190351	46.848 ng	98
46) 1,1'-Biphenyl	13.53	154	538168	39.596 ng	98
47) 2-Chloronaphthalene	13.57	162	426738	41.877 ng	98
48) 2-Nitroaniline	13.77	65	140063	41.332 ng	96
49) Acenaphthylene	14.41	152	675832	43.343 ng	99
50) Dimethylphthalate	14.14	163	656110	48.858 ng	98
51) 2,6-Dinitrotoluene	14.25	165	125141	43.759 ng	94
52) Acenaphthene	14.75	154	413076	39.578 ng	99
53) 3-Nitroaniline	14.59	138	77978	26.385 ng	99
54) 2,4-Dinitrophenol	14.79	184	139247	78.335 ng	93
55) Dibenzofuran	15.09	168	660148	42.758 ng	98
56) 4-Nitrophenol	14.91	139	207944	92.344 ng	97
57) 2,4-Dinitrotoluene	15.04	165	181375	43.310 ng	98
58) Fluorene	15.73	166	559323	42.433 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	188357	43.538 ng	99
60) Diethylphthalate	15.50	149	544699	39.856 ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	324191	41.009 ng	98
62) 4-Nitroaniline	15.75	138	127429	39.534 ng	93
63) Azobenzene	16.02	77	508087	40.835 ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	104292	42.695 ng	98
66) n-Nitrosodiphenylamine	15.94	169	499073	43.795 ng	98
67) 4-Bromophenyl-phenylether	16.62	248	225450	41.611 ng	98
68) Hexachlorobenzene	16.74	284	249983	41.439 ng	96
69) Atrazine	16.89	200	192329	40.079 ng	99
70) Pentachlorophenol	17.08	266	314461	90.338 ng	99
71) Phenanthrene	17.47	178	885594	42.022 ng	98
72) Anthracene	17.56	178	905437	43.036 ng	99
73) Carbazole	17.83	167	824390	42.255 ng	99
74) Di-n-butylphthalate	18.39	149	949080	40.772 ng	99
75) Fluoranthene	19.48	202	1151666	41.315 ng	99
77) Benzidine	19.66	184	583206	50.583 ng	99
78) Pyrene	19.84	202	1173318	42.692 ng	99
80) Butylbenzylphthalate	20.73	149	439616	42.141 ng	97
81) Benzo(a)anthracene	21.68	228	1211052	42.210 ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	277789	24.686 ng	99
83) Chrysene	21.75	228	1162544	41.754 ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	633513	42.678 ng	100
85) Di-n-octyl phthalate	22.80	149	1087719	44.811 ng	98
86) Indeno(1,2,3-cd)pyrene	28.60	276	1538864	44.396 ng	99
88) Benzo(b)fluoranthene	23.90	252	1317454	42.523 ng	98
89) Benzo(k)fluoranthene	23.97	252	1274657	41.588 ng	99
90) Benzo(a)pyrene	24.78	252	1274656	43.607 ng	100
91) Dibenzo(a,h)anthracene	28.67	278	1296550	43.257 ng	97
92) Benzo(g,h,i)perylene	29.75	276	1289391	44.398 ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042997.D
Acq On : 2 Oct 2019 22:57
Operator : JU
Sample : K5133-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 03 05:41:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
S-1MS

Manual Integrations APPROVED
mohammad
10/4/2019 8:18:04 AM