Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
Data File : BG039428.D
Acq On : 8 Feb 2019 23:10
Operator : JU/SJ
Sample : K1348-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

Manual Integrations APPROVED
Sohil
2/11/2019 10:13:54 AM

Quant Time: Feb 09 00:41:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	55693	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	227106	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	153050	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	369757	20.00	ng	0.00
76) Chrysene-d12	21.83	240	391170	20.00	ng	-0.01
87) Perylene-d12	25.21	264	408116	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	419380	128.88	ng	0.00
7) Phenol-d6	7.32	99	555187	115.91	ng	0.00
23) Nitrobenzene-d5	9.35	82	378896	104.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	249690	151.50	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	878593	82.35	ng	-0.01
79) Terphenyl-d14	20.14	244	1502870	81.32	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	50173	35.249	ng	# 30
3) Pyridine	4.02	79	123512	32.774	ng	96
4) n-Nitrosodimethylamine	3.93	42	79359	42.107	ng	91
6) Aniline	7.50	93	55583	9.264	ng	99
8) 2-Chlorophenol	7.73	128	167827	47.183	ng	97
9) Benzaldehyde	7.32	77	89022	36.221	ng	98
10) Phenol	7.34	94	199204	39.896	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	168525	42.714	ng	95
12) 1,3-Dichlorobenzene	8.06	146	165232	38.346	ng	96
13) 1,4-Dichlorobenzene	8.21	146	168717	39.284	ng	99
14) 1,2-Dichlorobenzene	8.53	146	163865	39.412	ng	95
15) Benzyl Alcohol	8.41	79	164812	43.828	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	320714	35.996	ng	99
17) 2-Methylphenol	8.60	107	145738	45.104	ng	93
18) Hexachloroethane	9.26	117	57837	39.142	ng	94
19) n-Nitroso-di-n-propylamine	8.98	70	134200	39.475	ng	92
20) 3+4-Methylphenols	8.93	107	197508	44.389	ng	96
22) Acetophenone	9.00	105	259266	42.500	ng	# 95
24) Nitrobenzene	9.40	77	201972	51.427	ng	94
25) Isophorone	9.91	82	380510	47.234	ng	99
26) 2-Nitrophenol	10.10	139	93779	57.321	ng	95
27) 2,4-Dimethylphenol	10.14	122	173621	53.277	ng	99
28) bis(2-Chloroethoxy)methane	10.39	93	231975	46.750	ng	97
29) 2,4-Dichlorophenol	10.63	162	183521	51.527	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	174799	43.714	ng	99
31) Naphthalene	11.05	128	523419	46.458	ng	98
32) Benzoic acid	10.25	122	85047	41.385	ng	97
33) 4-Chloroaniline	11.17	127	8804	1.685	ng	# 93
34) Hexachlorobutadiene	11.31	225	111143	41.795	ng	96
35) Caprolactam	11.93	113	50503m	34.266	ng	
36) 4-Chloro-3-methylphenol	12.25	107	194998	47.341	ng	94
37) 2-Methylnaphthalene	12.64	142	401676	48.136	ng	99
38) 1-Methylnaphthalene	12.86	142	384447	47.794	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	221072	45.398	ng	100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
Data File : BG039428.D
Acq On : 8 Feb 2019 23:10
Operator : JU/SJ
Sample : K1348-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

Manual Integrations APPROVED
Sohil
2/11/2019 10:13:54 AM

Quant Time: Feb 09 00:41:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	261206	98.437	ng		100
43) 2,4,6-Trichlorophenol	13.23	196	153250	51.184	ng		96
44) 2,4,5-Trichlorophenol	13.30	196	167151	53.266	ng		99
46) 1,1'-Biphenyl	13.64	154	544595	42.767	ng		100
47) 2-Chloronaphthalene	13.69	162	420915	43.939	ng		97
48) 2-Nitroaniline	13.89	65	140927	50.656	ng		95
49) Acenaphthylene	14.53	152	671682	46.467	ng		99
50) Dimethylphthalate	14.25	163	562249	45.486	ng		98
51) 2,6-Dinitrotoluene	14.38	165	124430	53.060	ng		93
52) Acenaphthene	14.87	154	418354	44.587	ng		99
53) 3-Nitroaniline	14.70	138	16969	11.779	ng	#	81
54) 2,4-Dinitrophenol	14.91	184	74951	75.457	ng		96
55) Dibenzofuran	15.20	168	667104	44.344	ng		98
56) 4-Nitrophenol	15.00	139	190084	84.684	ng		89
57) 2,4-Dinitrotoluene	15.16	165	173215	56.817	ng	#	88
58) Fluorene	15.84	166	533759	47.595	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	163467	55.635	ng		96
60) Diethylphthalate	15.60	149	567632	44.415	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	286112	45.056	ng		96
62) 4-Nitroaniline	15.87	138	123811	47.786	ng		89
63) Azobenzene	16.12	77	509159	40.760	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	77293	51.527	ng		98
66) n-Nitrosodiphenylamine	16.05	169	493945	43.933	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	190441	46.426	ng		96
68) Hexachlorobenzene	16.83	284	191770	46.596	ng		96
69) Atrazine	16.99	200	196128	47.735	ng		97
70) Pentachlorophenol	17.18	266	232732	81.363	ng		98
71) Phenanthrene	17.59	178	905669	47.324	ng		98
72) Anthracene	17.67	178	915426	48.562	ng		99
73) Carbazole	17.94	167	820681	43.624	ng		100
74) Di-n-butylphthalate	18.48	149	987754	45.006	ng		100
75) Fluoranthene	19.58	202	1109546	49.951	ng		99
77) Benzidine	19.77	184	35506	2.769	ng		98
78) Pyrene	19.95	202	1116244	45.839	ng		99
80) Butylbenzylphthalate	20.82	149	477152	46.450	ng		95
81) Benzo(a)anthracene	21.82	228	1118656	48.397	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	83805	9.778	ng		97
83) Chrysene	21.88	228	1047071	47.587	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	669708	45.699	ng		99
85) Di-n-octyl phthalate	22.96	149	1129572	46.655	ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1215653	51.495	ng	#	95
88) Benzo(b)fluoranthene	24.14	252	1120804	50.358	ng		99
89) Benzo(k)fluoranthene	24.21	252	1072656	48.003	ng		100
90) Benzo(a)pyrene	25.06	252	1090856	50.891	ng		99
91) Dibenzo(a,h)anthracene	29.18	278	972706	48.456	ng		97
92) Benzo(g,h,i)perylene	30.33	276	995060	49.733	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
Data File : BG039428.D
Acq On : 8 Feb 2019 23:10
Operator : JU/SJ
Sample : K1348-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 09 00:41:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MS

Manual Integrations APPROVED
Sohil
2/11/2019 10:13:54 AM