Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043765.D
Acq On : 23 Nov 2019 20:55
Operator : JU
Sample : K5676-25MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Manual Integrations APPROVED
mohammad
11/25/2019 2:33:48 PM

Quant Time: Nov 25 03:18:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35282	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	192790	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	185638	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	551131	20.00	ng		0.00
76) Chrysene-d12	21.66	240	688024	20.00	ng		0.00
87) Perylene-d12	24.85	264	613566	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	350171	178.43	ng		0.00
7) Phenol-d6	7.18	99	570476	199.97	ng		0.00
23) Nitrobenzene-d5	9.18	82	306467	87.40	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	353732	157.98	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	899445	79.64	ng		0.00
79) Terphenyl-d14	20.01	244	2402553	78.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	26044	29.929	ng	#	37
3) Pyridine	3.92	79	109223	44.578	ng		94
4) n-Nitrosodimethylamine	3.82	42	58298	47.898	ng	#	95
6) Aniline	7.35	93	107298	28.861	ng		97
8) 2-Chlorophenol	7.59	128	137690	61.514	ng		95
9) Benzaldehyde	7.16	77	26894	15.782	ng		94
10) Phenol	7.21	94	197904	67.574	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	122309	50.040	ng		93
12) 1,3-Dichlorobenzene	7.92	146	108522	41.185	ng		99
13) 1,4-Dichlorobenzene	8.07	146	113914	42.682	ng		97
14) 1,2-Dichlorobenzene	8.38	146	113010	44.751	ng		99
15) Benzyl Alcohol	8.26	79	154948	65.026	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	193929	46.135	ng		99
17) 2-Methylphenol	8.46	107	141655	67.651	ng		99
18) Hexachloroethane	9.12	117	38767	38.478	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	127035	56.624	ng		94
20) 3+4-Methylphenols	8.79	107	205050	70.193	ng		97
22) Acetophenone	8.84	105	217956	42.655	ng	#	97
24) Nitrobenzene	9.22	77	161207	44.728	ng		99
25) Isophorone	9.75	82	382484	50.872	ng		99
26) 2-Nitrophenol	9.93	139	69303	53.296	ng		99
27) 2,4-Dimethylphenol	9.99	122	168633	66.044	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	210441	45.413	ng		99
29) 2,4-Dichlorophenol	10.47	162	181165	58.364	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	147518	40.555	ng		100
31) Naphthalene	10.88	128	444482	46.477	ng		99
32) Benzoic acid	10.11	122	112435	61.062	ng		95
33) 4-Chloroaniline	10.98	127	43871	9.521	ng		96
34) Hexachlorobutadiene	11.18	225	83866	35.063	ng		99
35) Caprolactam	11.74	113	86940m	68.881	ng		
36) 4-Chloro-3-methylphenol	12.10	107	234403	67.195	ng		98
37) 2-Methylnaphthalene	12.48	142	379548	52.664	ng		97
38) 1-Methylnaphthalene	12.70	142	368449	53.868	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	210065	35.562	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043765.D
Acq On : 23 Nov 2019 20:55
Operator : JU
Sample : K5676-25MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Manual Integrations APPROVED
mohammad
11/25/2019 2:33:48 PM

Quant Time: Nov 25 03:18:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	224957	70.488 ng		100
43) 2,4,6-Trichlorophenol	13.08	196	181192	47.694 ng		99
44) 2,4,5-Trichlorophenol	13.15	196	208433	52.738 ng		98
46) 1,1'-Biphenyl	13.49	154	527908	41.025 ng		100
47) 2-Chloronaphthalene	13.53	162	423753	40.382 ng		98
48) 2-Nitroaniline	13.72	65	154273	50.217 ng		97
49) Acenaphthylene	14.38	152	768291	46.535 ng		98
50) Dimethylphthalate	14.11	163	714396	48.580 ng		99
51) 2,6-Dinitrotoluene	14.22	165	152790	55.948 ng		97
52) Acenaphthene	14.72	154	529296	50.131 ng		100
53) 3-Nitroaniline	14.54	138	62362	19.550 ng	#	93
54) 2,4-Dinitrophenol	14.75	184	142040	127.303 ng	#	69
55) Dibenzofuran	15.05	168	783609	47.641 ng		100
56) 4-Nitrophenol	14.85	139	349432	130.055 ng		92
57) 2,4-Dinitrotoluene	15.00	165	231412	61.102 ng		95
58) Fluorene	15.70	166	660702	48.981 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	213877m	53.879 ng		
60) Diethylphthalate	15.48	149	739701	50.252 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	350636	47.213 ng		96
62) 4-Nitroaniline	15.70	138	170172	46.525 ng		95
63) Azobenzene	15.99	77	666271	48.137 ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	109945	52.890 ng		96
66) n-Nitrosodiphenylamine	15.91	169	634650	43.493 ng		98
67) 4-Bromophenyl-phenylether	16.59	248	246542	42.420 ng		98
68) Hexachlorobenzene	16.71	284	262945	41.384 ng		96
69) Atrazine	16.85	200	247184	42.268 ng		99
70) Pentachlorophenol	17.05	266	391671	101.022 ng		98
71) Phenanthrene	17.44	178	1245836	45.684 ng		98
72) Anthracene	17.53	178	1276986	46.356 ng		98
73) Carbazole	17.79	167	1282246	48.824 ng		98
74) Di-n-butylphthalate	18.37	149	1476231	42.260 ng		98
75) Fluoranthene	19.45	202	1760011	44.992 ng		95
77) Benzidine	19.63	184	174424	8.679 ng		99
78) Pyrene	19.80	202	1820581	41.000 ng		97
80) Butylbenzylphthalate	20.70	149	881090	43.558 ng		99
81) Benzo(a)anthracene	21.64	228	2024815	44.021 ng		96
82) 3,3'-Dichlorobenzidine	21.56	252	221326	12.831 ng		99
83) Chrysene	21.71	228	1901522	43.689 ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	1250111	43.923 ng		97
85) Di-n-octyl phthalate	22.80	149	1820632	39.438 ng		98
86) Indeno(1,2,3-cd)pyrene	28.46	276	1949961	38.515 ng		93
88) Benzo(b)fluoranthene	23.84	252	1741445	47.537 ng		98
89) Benzo(k)fluoranthene	23.91	252	1600248	45.515 ng		97
90) Benzo(a)pyrene	24.70	252	1527287	44.337 ng		98
91) Dibenzo(a,h)anthracene	28.54	278	1600148	47.890 ng		98
92) Benzo(g,h,i)perylene	29.59	276	1621411	49.208 ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043765.D
Acq On : 23 Nov 2019 20:55
Operator : JU
Sample : K5676-25MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 25 03:18:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Manual Integrations APPROVED
mohammad
11/25/2019 2:33:48 PM