Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039270.D
Acq On : 23 Jan 2019 19:28
Operator : JU/SJ
Sample : K1210-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT-1495MSD

Manual Integrations APPROVED
Sohil
1/24/2019 12:16:22 PM

Quant Time: Jan 24 00:36:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	17606	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	69015	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	46864	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	124900	20.00	ng	0.00
76) Chrysene-d12	21.67	240	146380	20.00	ng	-0.01
87) Perylene-d12	24.93	264	154640	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	120701	130.05	ng	0.00
7) Phenol-d6	7.17	99	159382	119.33	ng	0.00
23) Nitrobenzene-d5	9.19	82	108813	86.27	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	98732	125.68	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	303251	88.56	ng	0.00
79) Terphenyl-d14	20.00	244	556029	70.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	11462	31.537	ng	# 11
3) Pyridine	3.86	79	35629	36.077	ng	97
4) n-Nitrosodimethylamine	3.77	42	21208	47.723	ng	88
6) Aniline	7.35	93	10694	6.667	ng	96
8) 2-Chlorophenol	7.57	128	49896	45.607	ng	98
9) Benzaldehyde	7.15	77	11533	14.973	ng	94
10) Phenol	7.20	94	54102	40.401	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	42698	41.719	ng	97
12) 1,3-Dichlorobenzene	7.89	146	51843	39.551	ng	98
13) 1,4-Dichlorobenzene	8.04	146	52854	39.814	ng	99
14) 1,2-Dichlorobenzene	8.36	146	50185	39.648	ng	97
15) Benzyl Alcohol	8.26	79	45916	45.648	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	80459	40.998	ng	98
17) 2-Methylphenol	8.46	107	42085	45.260	ng	95
18) Hexachloroethane	9.08	117	17865	39.611	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	34068	38.842	ng	99
20) 3+4-Methylphenols	8.78	107	57742	43.555	ng	96
22) Acetophenone	8.84	105	70664	39.207	ng	99
24) Nitrobenzene	9.23	77	53772	42.180	ng	98
25) Isophorone	9.74	82	102100	46.995	ng	99
26) 2-Nitrophenol	9.94	139	29790	43.202	ng	97
27) 2,4-Dimethylphenol	9.99	122	49183	50.698	ng	91
28) bis(2-Chloroethoxy)methane	10.22	93	59586	45.635	ng	98
29) 2,4-Dichlorophenol	10.47	162	58710	48.714	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	58729	40.556	ng	94
31) Naphthalene	10.88	128	154245	44.561	ng	98
32) Benzoic acid	10.18	122	4913m	16.061	ng	
33) 4-Chloroaniline	11.01	127	2550	1.646	ng	97
34) Hexachlorobutadiene	11.13	225	39073	39.214	ng	97
35) Caprolactam	11.79	113	14532m	30.069	ng	
36) 4-Chloro-3-methylphenol	12.11	107	59427	46.102	ng	93
37) 2-Methylnaphthalene	12.47	142	122661	47.265	ng	97
38) 1-Methylnaphthalene	12.70	142	112001	44.964	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	74571	42.370	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039270.D
Acq On : 23 Jan 2019 19:28
Operator : JU/SJ
Sample : K1210-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT-1495MSD

Manual Integrations APPROVED
Sohil
1/24/2019 12:16:22 PM

Quant Time: Jan 24 00:36:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	75655	76.586	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	51454	46.451	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	53552	45.741	ng		98
46) 1,1'-Biphenyl	13.48	154	156592	42.169	ng		99
47) 2-Chloronaphthalene	13.53	162	127594	42.461	ng		99
48) 2-Nitroaniline	13.74	65	38346	45.549	ng		95
49) Acenaphthylene	14.37	152	201024	44.507	ng		99
50) Dimethylphthalate	14.10	163	174474	44.057	ng		100
51) 2,6-Dinitrotoluene	14.24	165	38252	43.203	ng		99
52) Acenaphthene	14.71	154	116805	43.042	ng		98
53) 3-Nitroaniline	14.58	138	2102	2.340	ng	#	91
54) 2,4-Dinitrophenol	14.78	184	11662	25.934	ng		98
55) Dibenzofuran	15.05	168	197093	41.123	ng		100
56) 4-Nitrophenol	14.88	139	43520	67.341	ng		99
57) 2,4-Dinitrotoluene	15.02	165	52387	41.241	ng		98
58) Fluorene	15.69	166	162203	44.961	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	50482	45.679	ng		98
60) Diethylphthalate	15.45	149	172588	42.298	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	93651	41.205	ng		99
62) 4-Nitroaniline	15.74	138	33114	35.390	ng		98
63) Azobenzene	15.98	77	134423	42.128	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	17176	18.562	ng		95
66) n-Nitrosodiphenylamine	15.91	169	148192	40.023	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	64380	40.099	ng		95
68) Hexachlorobenzene	16.69	284	69151	39.471	ng		98
69) Atrazine	16.85	200	61224	38.923	ng		95
70) Pentachlorophenol	17.05	266	42608	42.309	ng		96
71) Phenanthrene	17.44	178	304254	46.086	ng		98
72) Anthracene	17.53	178	303164	46.444	ng		100
73) Carbazole	17.81	167	259103	40.210	ng		99
74) Di-n-butylphthalate	18.34	149	306864	42.807	ng		99
75) Fluoranthene	19.45	202	360780	44.083	ng		100
77) Benzidine	19.64	184	30625	6.840	ng		98
78) Pyrene	19.81	202	369833	39.645	ng		99
80) Butylbenzylphthalate	20.68	149	141683	39.933	ng		97
81) Benzo(a)anthracene	21.65	228	425868	47.792	ng		100
82) 3,3'-Dichlorobenzidine	21.57	252	26228	7.224	ng	#	98
83) Chrysene	21.72	228	396951	46.838	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	241941	49.111	ng		96
85) Di-n-octyl phthalate	22.73	149	418357	50.222	ng		100
86) Indeno(1,2,3-cd)pyrene	28.67	276	400311	39.530	ng		100
88) Benzo(b)fluoranthene	23.89	252	416229	48.814	ng		100
89) Benzo(k)fluoranthene	23.96	252	410394m	48.679	ng		
90) Benzo(a)pyrene	24.78	252	403090	48.908	ng	#	97
91) Dibenzo(a,h)anthracene	28.72	278	330915	40.366	ng		99
92) Benzo(g,h,i)perylene	29.84	276	326046	40.174	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039270.D
Acq On : 23 Jan 2019 19:28
Operator : JU/SJ
Sample : K1210-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 24 00:36:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
RT-1495MSD

Manual Integrations APPROVED
Sohil
1/24/2019 12:16:22 PM