Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043903.D
Acq On : 4 Jan 2020 1:09
Operator : JU
Sample : K6449-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW-5MS

Manual Integrations APPROVED
mohammad
1/6/2020 11:41:54 AM

Quant Time: Jan 04 05:57:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	137936	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	610844	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	413875	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	854254	20.00	ng	0.00
76) Chrysene-d12	21.60	240	689866	20.00	ng	0.00
87) Perylene-d12	24.72	264	804164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	795695	105.92	ng	0.00
7) Phenol-d6	7.13	99	782467	74.51	ng	0.00
23) Nitrobenzene-d5	9.12	82	1024874	89.76	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	657287	151.76	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2121871	92.89	ng	0.00
79) Terphenyl-d14	19.96	244	2733962	99.94	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	92331	28.188	ng	98
3) Pyridine	3.83	79	246619	25.486	ng	97
4) n-Nitrosodimethylamine	3.75	42	128180	29.753	ng	100
6) Aniline	7.29	93	352741	25.575	ng	99
8) 2-Chlorophenol	7.53	128	449405	50.957	ng	99
9) Benzaldehyde	7.09	77	298290	44.383	ng	98
10) Phenol	7.16	94	307000	28.375	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	451046	48.296	ng	100
12) 1,3-Dichlorobenzene	7.85	146	414338	40.147	ng	98
13) 1,4-Dichlorobenzene	8.00	146	414498	40.705	ng	98
14) 1,2-Dichlorobenzene	8.32	146	402653	41.196	ng	100
15) Benzyl Alcohol	8.20	79	381026	45.976	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	662907	45.880	ng	100
17) 2-Methylphenol	8.41	107	371148	47.404	ng	99
18) Hexachloroethane	9.05	117	152745	38.549	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	388189	49.639	ng	98
20) 3+4-Methylphenols	8.74	107	484487	44.358	ng	99
22) Acetophenone	8.78	105	685028	45.109	ng	98
24) Nitrobenzene	9.16	77	532355	47.073	ng	98
25) Isophorone	9.69	82	1054959	49.246	ng	99
26) 2-Nitrophenol	9.87	139	281811	52.670	ng	99
27) 2,4-Dimethylphenol	9.94	122	467546	58.050	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	667274	46.722	ng	100
29) 2,4-Dichlorophenol	10.41	162	502959	52.352	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	435778	40.454	ng	98
31) Naphthalene	10.81	128	1338515	45.282	ng	99
32) Benzoic acid	10.05	122	170651	28.886	ng	90
33) 4-Chloroaniline	10.92	127	171345	12.153	ng	97
34) Hexachlorobutadiene	11.11	225	235201	35.761	ng	95
35) Caprolactam	11.70	113	58327m	16.309	ng	
36) 4-Chloro-3-methylphenol	12.05	107	548697	53.649	ng	99
37) 2-Methylnaphthalene	12.42	142	1038297	46.656	ng	98
38) 1-Methylnaphthalene	12.64	142	1006849	47.736	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	494500	40.764	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043903.D
Acq On : 4 Jan 2020 1:09
Operator : JU
Sample : K6449-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW-5MS

Manual Integrations APPROVED
mohammad
1/6/2020 11:41:54 AM

Quant Time: Jan 04 05:57:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	514370	81.789 ng	97
43) 2,4,6-Trichlorophenol	13.03	196	417836	50.059 ng	99
44) 2,4,5-Trichlorophenol	13.10	196	447249	51.952 ng	98
46) 1,1'-Biphenyl	13.43	154	1352701	45.585 ng	97
47) 2-Chloronaphthalene	13.47	162	1059613	44.190 ng	99
48) 2-Nitroaniline	13.67	65	355686	46.114 ng	97
49) Acenaphthylene	14.32	152	1648871	47.843 ng	98
50) Dimethylphthalate	14.06	163	1540938	52.436 ng	99
51) 2,6-Dinitrotoluene	14.16	165	336118	50.604 ng	98
52) Acenaphthene	14.66	154	1095707	45.334 ng	98
53) 3-Nitroaniline	14.49	138	119784	15.881 ng	93
54) 2,4-Dinitrophenol	14.70	184	380067	110.104 ng	97
55) Dibenzofuran	15.00	168	1606124	48.272 ng	97
56) 4-Nitrophenol	14.81	139	343212	59.379 ng	97
57) 2,4-Dinitrotoluene	14.95	165	456015	50.456 ng	97
58) Fluorene	15.64	166	1278411	48.477 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	386260	52.179 ng	100
60) Diethylphthalate	15.42	149	1448264	49.273 ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	676998	47.277 ng	99
62) 4-Nitroaniline	15.66	138	318991	42.826 ng	98
63) Azobenzene	15.93	77	1364717	50.066 ng	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	260869	58.240 ng	99
66) n-Nitrosodiphenylamine	15.85	169	1208151	48.025 ng	99
67) 4-Bromophenyl-phenylether	16.53	248	440991	45.900 ng	99
68) Hexachlorobenzene	16.65	284	463957	44.815 ng	98
69) Atrazine	16.81	200	450802	55.129 ng	98
70) Pentachlorophenol	17.00	266	585569	102.607 ng	99
71) Phenanthrene	17.38	178	1944131	47.448 ng	96
72) Anthracene	17.47	178	1998320	49.348 ng	97
73) Carbazole	17.74	167	1821665	48.701 ng	97
74) Di-n-butylphthalate	18.31	149	2179009	45.626 ng	97
75) Fluoranthene	19.39	202	2141416	45.698 ng	97
77) Benzidine	19.57	184	102691	5.922 ng	96
78) Pyrene	19.75	202	2149543	47.736 ng	96
80) Butylbenzylphthalate	20.64	149	1067931	49.814 ng	99
81) Benzo(a)anthracene	21.57	228	2088698	48.828 ng	98
82) 3,3'-Dichlorobenzidine	21.49	252	398220	23.563 ng	99
83) Chrysene	21.64	228	1966832	48.389 ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1509375	51.025 ng	97
85) Di-n-octyl phthalate	22.69	149	2530369	50.882 ng	99
86) Indeno(1,2,3-cd)pyrene	28.28	276	2676853	48.460 ng	98
88) Benzo(b)fluoranthene	23.73	252	2263946	47.622 ng	98
89) Benzo(k)fluoranthene	23.80	252	2141787	47.377 ng	98
90) Benzo(a)pyrene	24.57	252	2058545	45.878 ng	98
91) Dibenzo(a,h)anthracene	28.35	278	2212299	49.094 ng	99
92) Benzo(g,h,i)perylene	29.39	276	2234612	49.923 ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043903.D
Acq On : 4 Jan 2020 1:09
Operator : JU
Sample : K6449-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 04 05:57:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Manual Integrations APPROVED
mohammad
1/6/2020 11:41:54 AM