Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044227.D
Acq On : 27 Jan 2020 22:44
Operator : CG/JU
Sample : L1269-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

Manual Integrations APPROVED
mohammad
1/28/2020 1:12:50 PM

Quant Time: Jan 28 02:29:40 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	7.93	152	83875	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	378509	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	255081	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	524304	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	453808	20.00	ng	-0.03
87) Perylene-d12	24.67	264	519258	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	726619	159.07	ng	-0.03
7) Phenol-d6	7.10	99	966510	151.36	ng	-0.02
23) Nitrobenzene-d5	9.09	82	585765	82.79	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	389256	145.82	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1257595	89.32	ng	-0.03
79) Terphenyl-d14	19.92	244	1753036	96.41	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	87932	44.148	ng	97
3) Pyridine	3.79	79	225438	38.314	ng	94
4) n-Nitrosodimethylamine	3.70	42	118391	45.193	ng	95
6) Aniline	7.25	93	201896	24.073	ng	99
8) 2-Chlorophenol	7.50	128	319855	59.643	ng	96
9) Benzaldehyde	7.06	77	148182	36.259	ng	95
10) Phenol	7.13	94	412958	62.770	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	282052	49.667	ng	98
12) 1,3-Dichlorobenzene	7.82	146	312148	49.740	ng	99
13) 1,4-Dichlorobenzene	7.97	146	313755	50.671	ng	98
14) 1,2-Dichlorobenzene	8.28	146	303280	51.029	ng	100
15) Benzyl Alcohol	8.17	79	262853	52.159	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	376755	42.882	ng	96
17) 2-Methylphenol	8.38	107	273029	57.349	ng	99
18) Hexachloroethane	9.02	117	118032	48.989	ng	93
19) n-Nitroso-di-n-propylamine	8.74	70	229671	48.299	ng	96
20) 3+4-Methylphenols	8.71	107	374050	56.320	ng	98
22) Acetophenone	8.75	105	430077	45.704	ng	99
24) Nitrobenzene	9.13	77	325702	46.478	ng	97
25) Isophorone	9.65	82	626505	47.197	ng	98
26) 2-Nitrophenol	9.84	139	180924	54.570	ng	96
27) 2,4-Dimethylphenol	9.91	122	308649	61.844	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	402253	45.454	ng	98
29) 2,4-Dichlorophenol	10.38	162	321941	54.079	ng	96
30) 1,2,4-Trichlorobenzene	10.60	180	320729	48.050	ng	98
31) Naphthalene	10.78	128	936306	51.118	ng	99
32) Benzoic acid	10.07	122	138597	35.914	ng	95
33) 4-Chloroaniline	10.89	127	107259	12.277	ng	97
34) Hexachlorobutadiene	11.08	225	188083	46.151	ng	97
35) Caprolactam	11.66	113	116654m	52.638	ng	
36) 4-Chloro-3-methylphenol	12.02	107	340929	53.796	ng	98
37) 2-Methylnaphthalene	12.39	142	704556	51.092	ng	97
38) 1-Methylnaphthalene	12.61	142	676238	51.741	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	346952	46.406	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044227.D
Acq On : 27 Jan 2020 22:44
Operator : CG/JU
Sample : L1269-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

Manual Integrations APPROVED
mohammad
1/28/2020 1:12:50 PM

Quant Time: Jan 28 02:29:40 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	12.75	237	390311	100.698	ng		99
43) 2,4,6-Trichlorophenol	13.00	196	259393	50.423	ng		97
44) 2,4,5-Trichlorophenol	13.08	196	272155	51.294	ng		98
46) 1,1'-Biphenyl	13.40	154	894210	48.894	ng		99
47) 2-Chloronaphthalene	13.44	162	706681	47.818	ng		98
48) 2-Nitroaniline	13.64	65	211391	44.467	ng		95
49) Acenaphthylene	14.29	152	1106586	52.096	ng		99
50) Dimethylphthalate	14.02	163	1041257	57.491	ng		99
51) 2,6-Dinitrotoluene	14.14	165	205092	50.100	ng		98
52) Acenaphthene	14.63	154	689951	46.317	ng		98
53) 3-Nitroaniline	14.46	138	97613	20.998	ng		98
54) 2,4-Dinitrophenol	14.68	184	174063	83.225	ng		96
55) Dibenzofuran	14.97	168	1066517	52.009	ng		98
56) 4-Nitrophenol	14.79	139	359249	100.846	ng		97
57) 2,4-Dinitrotoluene	14.93	165	281320	50.504	ng		98
58) Fluorene	15.62	166	834448	51.340	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	244395	53.567	ng		95
60) Diethylphthalate	15.39	149	896883	49.510	ng		99
61) 4-Chlorophenyl-phenylether	15.61	204	441178	49.989	ng		96
62) 4-Nitroaniline	15.63	138	202179	44.041	ng		94
63) Azobenzene	15.90	77	824273	49.064	ng		97
65) 4,6-Dinitro-2-methylphenol	15.69	198	154214	56.257	ng		96
66) n-Nitrosodiphenylamine	15.82	169	773157	50.075	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	287033	48.676	ng		97
68) Hexachlorobenzene	16.63	284	309243	48.669	ng		97
69) Atrazine	16.77	200	287074	57.199	ng		100
70) Pentachlorophenol	16.97	266	328598	93.814	ng		97
71) Phenanthrene	17.36	178	1263125	50.227	ng		99
72) Anthracene	17.44	178	1318905	53.067	ng		98
73) Carbazole	17.71	167	1160528	50.551	ng		97
74) Di-n-butylphthalate	18.28	149	1422983	48.547	ng		98
75) Fluoranthene	19.36	202	1451267	50.460	ng		97
77) Benzidine	19.54	184	437734	38.375	ng		97
78) Pyrene	19.72	202	1461025	49.323	ng		98
80) Butylbenzylphthalate	20.62	149	675982	47.933	ng		95
81) Benzo(a)anthracene	21.54	228	1410641	50.131	ng		98
82) 3,3'-Dichlorobenzidine	21.46	252	288018	25.908	ng		99
83) Chrysene	21.60	228	1347902	50.412	ng		97
84) Bis(2-ethylhexyl)phthalate	21.46	149	947364	48.685	ng		98
85) Di-n-octyl phthalate	22.64	149	1646408	50.328	ng		96
86) Indeno(1,2,3-cd)pyrene	28.20	276	1784335	49.105	ng	#	91
88) Benzo(b)fluoranthene	23.69	252	1513240	49.296	ng		99
89) Benzo(k)fluoranthene	23.76	252	1449865	49.668	ng		98
90) Benzo(a)pyrene	24.53	252	1387661	47.895	ng		98
91) Dibenzo(a,h)anthracene	28.26	278	1464626	50.336	ng		98
92) Benzo(g,h,i)perylene	29.30	276	1488146	51.488	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044227.D
Acq On : 27 Jan 2020 22:44
Operator : CG/JU
Sample : L1269-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 28 02:29:40 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 :
TP-22-21-COMPMSD

Manual Integrations APPROVED
mohammad
1/28/2020 1:12:50 PM