Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044321.D
Acq On : 6 Feb 2020 13:57
Operator : CG/JU
Sample : PB126624BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Manual Integrations APPROVED
mohammad
2/10/2020 8:16:51 AM

Quant Time: Feb 06 21:58:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	92856	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	395935	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	267910	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	571598	20.00	ng		0.00
76) Chrysene-d12	21.54	240	491540	20.00	ng		0.00
87) Perylene-d12	24.64	264	478189	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	674351	128.17	ng		0.00
7) Phenol-d6	7.09	99	897157	126.98	ng		0.00
23) Nitrobenzene-d5	9.07	82	471511	67.23	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	373636	118.80	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	1123668	70.23	ng		0.00
79) Terphenyl-d14	19.91	244	1589461	66.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	85147	36.019	ng		100
3) Pyridine	3.77	79	202867	32.211	ng		95
4) n-Nitrosodimethylamine	3.68	42	103882	39.472	ng		99
6) Aniline	7.24	93	279829	31.908	ng		99
8) 2-Chlorophenol	7.48	128	269142	46.544	ng		99
9) Benzaldehyde	7.04	77	111231	27.642	ng		96
10) Phenol	7.12	94	329900	47.180	ng		99
11) bis(2-Chloroethyl)ether	7.33	93	243339	40.706	ng		97
12) 1,3-Dichlorobenzene	7.80	146	270069	39.117	ng		99
13) 1,4-Dichlorobenzene	7.95	146	274950	40.209	ng		98
14) 1,2-Dichlorobenzene	8.27	146	261918	40.524	ng		99
15) Benzyl Alcohol	8.15	79	225055	44.992	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.44	45	313972	38.805	ng		99
17) 2-Methylphenol	8.36	107	234567	47.018	ng		96
18) Hexachloroethane	9.00	117	100612	39.210	ng		99
19) n-Nitroso-di-n-propylamine	8.72	70	192091	40.795	ng		96
20) 3+4-Methylphenols	8.69	107	326010	47.417	ng		99
22) Acetophenone	8.73	105	365055	37.901	ng	#	99
24) Nitrobenzene	9.11	77	270121	39.453	ng		97
25) Isophorone	9.64	82	536153	41.017	ng		99
26) 2-Nitrophenol	9.82	139	156483	44.048	ng		98
27) 2,4-Dimethylphenol	9.89	122	263161	52.476	ng		99
28) bis(2-Chloroethoxy)methane	10.12	93	343189	39.357	ng		99
29) 2,4-Dichlorophenol	10.36	162	278582	45.942	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	271137	38.996	ng		99
31) Naphthalene	10.76	128	782164	40.717	ng		100
32) Benzoic acid	10.05	122	151949	46.591	ng		93
33) 4-Chloroaniline	10.87	127	198177	22.684	ng		97
34) Hexachlorobutadiene	11.06	225	156470	36.572	ng		99
35) Caprolactam	11.64	113	101408m	45.653	ng		
36) 4-Chloro-3-methylphenol	12.00	107	292007	45.930	ng		99
37) 2-Methylnaphthalene	12.37	142	598388	41.955	ng		99
38) 1-Methylnaphthalene	12.59	142	568019	42.242	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	295577	36.882	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044321.D
Acq On : 6 Feb 2020 13:57
Operator : CG/JU
Sample : PB126624BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Manual Integrations APPROVED
mohammad
2/10/2020 8:16:51 AM

Quant Time: Feb 06 21:58:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	309948	80.603 ng	99
43) 2,4,6-Trichlorophenol	12.98	196	226188	43.665 ng	99
44) 2,4,5-Trichlorophenol	13.06	196	241127	45.574 ng	99
46) 1,1'-Biphenyl	13.38	154	763869	39.528 ng	99
47) 2-Chloronaphthalene	13.43	162	600751	39.067 ng	99
48) 2-Nitroaniline	13.63	65	176486	38.889 ng	96
49) Acenaphthylene	14.27	152	944371	41.870 ng	99
50) Dimethylphthalate	14.01	163	775149	40.250 ng	99
51) 2,6-Dinitrotoluene	14.12	165	176852	41.187 ng	99
52) Acenaphthene	14.62	154	584139	39.957 ng	99
53) 3-Nitroaniline	14.45	138	128138	26.973 ng	97
54) 2,4-Dinitrophenol	14.66	184	205882	80.830 ng	98
55) Dibenzofuran	14.95	168	910221	41.123 ng	99
56) 4-Nitrophenol	14.78	139	314231	90.301 ng	94
57) 2,4-Dinitrotoluene	14.91	165	243831	40.515 ng	95
58) Fluorene	15.60	166	706190	40.507 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	210712	44.090 ng	98
60) Diethylphthalate	15.38	149	767270	39.984 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	377395	39.925 ng	98
62) 4-Nitroaniline	15.62	138	168809	35.562 ng	97
63) Azobenzene	15.89	77	679044	40.376 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	152769	48.418 ng	98
66) n-Nitrosodiphenylamine	15.80	169	668582	41.738 ng	100
67) 4-Bromophenyl-phenylether	16.49	248	251557	40.395 ng	98
68) Hexachlorobenzene	16.61	284	270891	38.827 ng	99
69) Atrazine	16.76	200	248946	45.342 ng	98
70) Pentachlorophenol	16.95	266	304774	86.134 ng	98
71) Phenanthrene	17.34	178	1131848	40.892 ng	99
72) Anthracene	17.43	178	1142856	41.764 ng	99
73) Carbazole	17.70	167	1023931	40.588 ng	99
74) Di-n-butylphthalate	18.26	149	1258772	40.378 ng	100
75) Fluoranthene	19.35	202	1299379	40.581 ng	100
77) Benzidine	19.52	184	383923	28.159 ng	97
78) Pyrene	19.71	202	1291070	40.900 ng	99
80) Butylbenzylphthalate	20.60	149	576425	40.070 ng	100
81) Benzo(a)anthracene	21.52	228	1241010	40.965 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	355848	30.266 ng	99
83) Chrysene	21.59	228	1197644	40.900 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	817638	41.294 ng	100
85) Di-n-octyl phthalate	22.61	149	1427904	41.680 ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1525461	39.931 ng	100
88) Benzo(b)fluoranthene	23.66	252	1310152	47.547 ng	99
89) Benzo(k)fluoranthene	23.73	252	1290306	48.045 ng	100
90) Benzo(a)pyrene	24.49	252	1215883	46.670 ng	98
91) Dibenzo(a,h)anthracene	28.20	278	1264787	49.054 ng	99
92) Benzo(g,h,i)perylene	29.24	276	1286434	49.840 ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044321.D
Acq On : 6 Feb 2020 13:57
Operator : CG/JU
Sample : PB126624BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 06 21:58:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Manual Integrations APPROVED
mohammad
2/10/2020 8:16:51 AM