Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
Data File : BG045441.D
Acq On : 21 May 2020 15:41
Operator : CG/JU
Sample : PB129042BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Manual Integrations APPROVED
mohammad
5/22/2020 2:56:20 PM

Quant Time: May 21 16:33:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	58865	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	239821	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	182316	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	454252	20.00	ng		0.00
76) Chrysene-d12	21.61	240	440745	20.00	ng		0.00
87) Perylene-d12	24.77	264	498030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	441273	146.50	ng		0.00
7) Phenol-d6	7.19	99	616022	143.69	ng		0.00
23) Nitrobenzene-d5	9.12	82	380589	86.54	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	321101	137.72	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	937996	87.27	ng		0.00
79) Terphenyl-d14	19.97	244	1720658	91.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	55644	37.254	ng		98
3) Pyridine	3.81	79	127379	30.620	ng		94
4) n-Nitrosodimethylamine	3.72	42	57554	42.280	ng		97
6) Aniline	7.29	93	138440	24.737	ng		98
8) 2-Chlorophenol	7.55	128	158171	47.885	ng		98
9) Benzaldehyde	7.10	77	105951	37.932	ng		95
10) Phenol	7.21	94	214954	48.649	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	142550	41.362	ng		99
12) 1,3-Dichlorobenzene	7.85	146	168448	42.436	ng		98
13) 1,4-Dichlorobenzene	8.00	146	171098	43.678	ng		98
14) 1,2-Dichlorobenzene	8.32	146	159746	42.399	ng		94
15) Benzyl Alcohol	8.22	79	160280	45.257	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	134805	41.207	ng		97
17) 2-Methylphenol	8.45	107	147236	44.520	ng		96
18) Hexachloroethane	9.05	117	63094	42.054	ng		92
19) n-Nitroso-di-n-propylamine	8.77	70	130800	44.121	ng		99
20) 3+4-Methylphenols	8.78	107	197080	43.762	ng	#	49
22) Acetophenone	8.78	105	242269	42.623	ng	#	92
24) Nitrobenzene	9.16	77	200294	42.509	ng		96
25) Isophorone	9.69	82	370005	42.721	ng		98
26) 2-Nitrophenol	9.88	139	91498	45.394	ng	#	88
27) 2,4-Dimethylphenol	9.97	122	156567	52.372	ng		99
28) bis(2-Chloroethoxy)methane	10.17	93	204276	44.973	ng		97
29) 2,4-Dichlorophenol	10.45	162	169650	48.056	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	184150	44.145	ng		94
31) Naphthalene	10.82	128	497382	44.506	ng		100
32) Benzoic acid	10.15	122	103015	50.109	ng		95
33) 4-Chloroaniline	10.94	127	75700	16.205	ng		95
34) Hexachlorobutadiene	11.11	225	125239	42.472	ng		99
35) Caprolactam	11.70	113	61029m	47.098	ng		
36) 4-Chloro-3-methylphenol	12.11	107	198350	49.861	ng		95
37) 2-Methylnaphthalene	12.43	142	381668	45.821	ng		97
38) 1-Methylnaphthalene	12.65	142	362010	46.009	ng		92
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	216032	42.423	ng		97

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
Data File : BG045441.D
Acq On : 21 May 2020 15:41
Operator : CG/JU
Sample : PB129042BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Manual Integrations APPROVED
mohammad
5/22/2020 2:56:20 PM

Quant Time: May 21 16:33:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	286418	97.447	ng		100
43) 2,4,6-Trichlorophenol	13.05	196	154871	43.780	ng		97
44) 2,4,5-Trichlorophenol	13.15	196	167252	41.374	ng		96
46) 1,1'-Biphenyl	13.44	154	505030	45.082	ng		98
47) 2-Chloronaphthalene	13.48	162	386161	42.450	ng		99
48) 2-Nitroaniline	13.69	65	123374	41.230	ng		89
49) Acenaphthylene	14.33	152	656208	44.909	ng		99
50) Dimethylphthalate	14.06	163	545796	43.640	ng		99
51) 2,6-Dinitrotoluene	14.18	165	123899	43.902	ng		91
52) Acenaphthene	14.67	154	382293	39.086	ng		97
53) 3-Nitroaniline	14.52	138	53285	18.574	ng	#	81
54) 2,4-Dinitrophenol	14.72	184	137988	75.006	ng		98
55) Dibenzofuran	15.00	168	635680	43.765	ng		97
56) 4-Nitrophenol	14.89	139	196169	90.318	ng		91
57) 2,4-Dinitrotoluene	14.97	165	179079	43.814	ng		97
58) Fluorene	15.66	166	536332	44.946	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	157986	44.423	ng		99
60) Diethylphthalate	15.43	149	572360	43.969	ng		98
61) 4-Chlorophenyl-phenylether	15.65	204	298977	43.784	ng		99
62) 4-Nitroaniline	15.69	138	119631	39.944	ng		92
63) Azobenzene	15.94	77	529760	43.645	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	112003	42.336	ng		94
66) n-Nitrosodiphenylamine	15.87	169	475335	43.582	ng		98
67) 4-Bromophenyl-phenylether	16.54	248	208301	42.348	ng		97
68) Hexachlorobenzene	16.67	284	227432	44.207	ng		99
69) Atrazine	16.82	200	184900	41.159	ng		98
70) Pentachlorophenol	17.02	266	232039	86.863	ng		97
71) Phenanthrene	17.40	178	887318	44.745	ng		100
72) Anthracene	17.49	178	915528	45.973	ng		98
73) Carbazole	17.76	167	844256	43.492	ng		99
74) Di-n-butylphthalate	18.32	149	1009655	43.334	ng		99
75) Fluoranthene	19.41	202	1141453	45.254	ng		99
77) Benzidine	19.59	184	357433	28.875	ng		98
78) Pyrene	19.77	202	1125994	44.817	ng		99
80) Butylbenzylphthalate	20.65	149	455597	42.012	ng		98
81) Benzo(a)anthracene	21.59	228	1087413	44.289	ng		99
82) 3,3'-Dichlorobenzidine	21.51	252	204851	21.270	ng		97
83) Chrysene	21.66	228	1046185	44.315	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	641340	43.022	ng		98
85) Di-n-octyl phthalate	22.70	149	1095692	42.795	ng		99
86) Indeno(1,2,3-cd)pyrene	28.35	276	1396548	45.237	ng	#	96
88) Benzo(b)fluoranthene	23.77	252	1188306	44.489	ng		99
89) Benzo(k)fluoranthene	23.84	252	1132992	45.151	ng		99
90) Benzo(a)pyrene	24.62	252	1088639	43.763	ng		98
91) Dibenzo(a,h)anthracene	28.40	278	1136275	45.455	ng		99
92) Benzo(g,h,i)perylene	29.47	276	1158091	46.322	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
Data File : BG045441.D
Acq On : 21 May 2020 15:41
Operator : CG/JU
Sample : PB129042BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 21 16:33:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Manual Integrations APPROVED
mohammad
5/22/2020 2:56:20 PM