Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042713.D
Acq On : 4 Sep 2019 18:37
Operator : HP/JU
Sample : PB122793BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122793BSD

Manual Integrations APPROVED
mohammad
9/10/2019 9:50:40 AM

Quant Time: Sep 05 01:19:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	27123	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	110444	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	83400	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	204630	20.00	ng		0.00
76) Chrysene-d12	21.69	240	220028	20.00	ng		0.00
87) Perylene-d12	24.92	264	228626	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	164179	122.59	ng		0.00
7) Phenol-d6	7.17	99	200647	110.92	ng		0.00
23) Nitrobenzene-d5	9.17	82	106584	66.69	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	146953	123.97	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	360717	73.15	ng		0.00
79) Terphenyl-d14	20.02	244	731754	71.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	22146	39.626	ng	#	97
3) Pyridine	3.82	79	45456	31.719	ng		96
4) n-Nitrosodimethylamine	3.74	42	22022	43.024	ng		90
6) Aniline	7.32	93	67048	27.789	ng		99
8) 2-Chlorophenol	7.56	128	73972	45.577	ng		97
9) Benzaldehyde	7.13	77	34367	37.947	ng		96
10) Phenol	7.19	94	79105	43.009	ng		91
11) bis(2-Chloroethyl)ether	7.41	93	56331	38.997	ng		98
12) 1,3-Dichlorobenzene	7.89	146	86176	41.738	ng		98
13) 1,4-Dichlorobenzene	8.03	146	89091	42.599	ng		96
14) 1,2-Dichlorobenzene	8.36	146	84007	41.944	ng		96
15) Benzyl Alcohol	8.24	79	53703	41.264	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.53	45	70043	35.776	ng		98
17) 2-Methylphenol	8.45	107	57613	42.528	ng		95
18) Hexachloroethane	9.09	117	29577	41.310	ng		88
19) n-Nitroso-di-n-propylamine	8.81	70	43256	36.909	ng	#	90
20) 3+4-Methylphenols	8.78	107	75472	40.261	ng		97
22) Acetophenone	8.83	105	99447	42.099	ng	#	96
24) Nitrobenzene	9.21	77	64148	39.636	ng		98
25) Isophorone	9.74	82	121659	38.571	ng		99
26) 2-Nitrophenol	9.92	139	43735	43.122	ng	#	94
27) 2,4-Dimethylphenol	9.99	122	66500	47.599	ng		96
28) bis(2-Chloroethoxy)methane	10.22	93	76459	38.460	ng		98
29) 2,4-Dichlorophenol	10.48	162	82083	44.906	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	97049	43.256	ng		99
31) Naphthalene	10.87	128	217006	42.321	ng		99
32) Benzoic acid	10.15	122	23930	27.754	ng		93
33) 4-Chloroaniline	10.98	127	58293	24.627	ng		97
34) Hexachlorobutadiene	11.16	225	66347	44.001	ng		96
35) Caprolactam	11.75	113	23864m	39.126	ng		
36) 4-Chloro-3-methylphenol	12.12	107	73612	42.423	ng		96
37) 2-Methylnaphthalene	12.48	142	176065	42.763	ng		99
38) 1-Methylnaphthalene	12.70	142	166538	42.584	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	123505	46.114	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042713.D
Acq On : 4 Sep 2019 18:37
Operator : HP/JU
Sample : PB122793BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122793BSD

Manual Integrations APPROVED
mohammad
9/10/2019 9:50:40 AM

Quant Time: Sep 05 01:19:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	98003	69.661	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	77257	42.675	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	85059	45.340	ng		97
46) 1,1'-Biphenyl	13.49	154	234865	43.566	ng		95
47) 2-Chloronaphthalene	13.53	162	194587	41.860	ng		99
48) 2-Nitroaniline	13.74	65	42959	38.324	ng		94
49) Acenaphthylene	14.38	152	306351	43.805	ng		99
50) Dimethylphthalate	14.11	163	250217	41.581	ng		99
51) 2,6-Dinitrotoluene	14.23	165	61118	43.817	ng		95
52) Acenaphthene	14.72	154	176626	41.592	ng		99
53) 3-Nitroaniline	14.57	138	40782	29.235	ng		97
54) 2,4-Dinitrophenol	14.78	184	66565	71.515	ng		97
55) Dibenzofuran	15.06	168	315197	44.840	ng		99
56) 4-Nitrophenol	14.89	139	82415	83.144	ng		95
57) 2,4-Dinitrotoluene	15.02	165	87558	43.836	ng		95
58) Fluorene	15.71	166	255376	44.444	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	86376m	46.558	ng		
60) Diethylphthalate	15.47	149	247476	42.070	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	153237	44.240	ng		96
62) 4-Nitroaniline	15.73	138	61076	40.909	ng		94
63) Azobenzene	15.99	77	160765	39.883	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	56928	44.373	ng		99
66) n-Nitrosodiphenylamine	15.91	169	234331	41.640	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	108633	41.853	ng		97
68) Hexachlorobenzene	16.72	284	117521	41.650	ng		99
69) Atrazine	16.86	200	90875	45.665	ng		98
70) Pentachlorophenol	17.07	266	122931	83.851	ng		98
71) Phenanthrene	17.46	178	444023	43.684	ng		99
72) Anthracene	17.54	178	450603	44.407	ng		99
73) Carbazole	17.81	167	390542	43.185	ng		97
74) Di-n-butylphthalate	18.37	149	442257	41.370	ng		100
75) Fluoranthene	19.47	202	578037	46.598	ng		95
77) Benzidine	19.64	184	173963	27.577	ng		99
78) Pyrene	19.83	202	583449	43.251	ng		97
80) Butylbenzylphthalate	20.71	149	204908	38.619	ng		97
81) Benzo(a)anthracene	21.67	228	577764	43.166	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	199473	37.055	ng		99
83) Chrysene	21.73	228	559009	43.306	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	295883	40.164	ng		97
85) Di-n-octyl phthalate	22.78	149	518581	40.929	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	712189	40.599	ng	#	89
88) Benzo(b)fluoranthene	23.90	252	628958m	50.040	ng		
89) Benzo(k)fluoranthene	23.97	252	636873	52.715	ng		99
90) Benzo(a)pyrene	24.78	252	618233	51.835	ng	#	99
91) Dibenzo(a,h)anthracene	28.70	278	594963	49.268	ng	#	98
92) Benzo(g,h,i)perylene	29.80	276	565589	46.828	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042713.D
Acq On : 4 Sep 2019 18:37
Operator : HP/JU
Sample : PB122793BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 05 01:19:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB122793BSD

Manual Integrations APPROVED
mohammad
9/10/2019 9:50:40 AM