Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043371.D
Acq On : 29 Oct 2019 12:52
Operator : JU
Sample : PB124325BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124325BS

Manual Integrations APPROVED
mohammad
10/30/2019 4:54:24 PM

Quant Time: Oct 30 08:08:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35331	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	142025	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	106441	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	246728	20.00	ng		0.00
76) Chrysene-d12	21.66	240	286965	20.00	ng		0.00
87) Perylene-d12	24.86	264	335676	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	243467	126.27	ng		0.00
7) Phenol-d6	7.22	99	320149	115.41	ng		0.01
23) Nitrobenzene-d5	9.18	82	163751	59.44	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	206454	101.92	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	451532	58.62	ng		0.00
79) Terphenyl-d14	20.01	244	903311	59.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	29252	38.932	ng	#	96
3) Pyridine	3.89	79	69352	36.591	ng		96
4) n-Nitrosodimethylamine	3.80	42	41775	43.679	ng		90
6) Aniline	7.35	93	101348	31.715	ng		96
8) 2-Chlorophenol	7.60	128	97585	45.850	ng		96
9) Benzaldehyde	7.16	77	56893	41.732	ng		90
10) Phenol	7.24	94	112071	44.211	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	78513	40.061	ng		96
12) 1,3-Dichlorobenzene	7.91	146	105090	39.409	ng		94
13) 1,4-Dichlorobenzene	8.06	146	108769	40.314	ng		99
14) 1,2-Dichlorobenzene	8.38	146	103942	39.457	ng		99
15) Benzyl Alcohol	8.27	79	80429	41.283	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	106843	37.492	ng		96
17) 2-Methylphenol	8.48	107	81584	44.148	ng		93
18) Hexachloroethane	9.11	117	37988	39.025	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	69545	38.797	ng		98
20) 3+4-Methylphenols	8.81	107	106016	41.837	ng		94
22) Acetophenone	8.84	105	137650	37.846	ng	#	98
24) Nitrobenzene	9.22	77	104894	39.970	ng		98
25) Isophorone	9.75	82	198288	39.369	ng		96
26) 2-Nitrophenol	9.94	139	55208	43.575	ng		97
27) 2,4-Dimethylphenol	10.01	122	88518	48.746	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	106239	38.218	ng		98
29) 2,4-Dichlorophenol	10.49	162	101321	43.548	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	114833	39.159	ng		96
31) Naphthalene	10.88	128	297394	41.253	ng		98
32) Benzoic acid	10.17	122	41958	33.605	ng		95
33) 4-Chloroaniline	11.00	127	64007	21.660	ng		98
34) Hexachlorobutadiene	11.16	225	80715	37.235	ng		97
35) Caprolactam	11.76	113	30255m	37.757	ng		
36) 4-Chloro-3-methylphenol	12.13	107	106523	41.973	ng		98
37) 2-Methylnaphthalene	12.48	142	226982	41.035	ng		94
38) 1-Methylnaphthalene	12.70	142	214523	40.761	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	145316	36.889	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043371.D
Acq On : 29 Oct 2019 12:52
Operator : JU
Sample : PB124325BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124325BS

Manual Integrations APPROVED
mohammad
10/30/2019 4:54:24 PM

Quant Time: Oct 30 08:08:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	172635	83.427	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	91342	39.374	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	96508	41.149	ng		98
46) 1,1'-Biphenyl	13.48	154	298476	36.860	ng		99
47) 2-Chloronaphthalene	13.53	162	232857	37.795	ng		98
48) 2-Nitroaniline	13.74	65	67635	36.730	ng		94
49) Acenaphthylene	14.37	152	371351	38.727	ng		97
50) Dimethylphthalate	14.11	163	299214	36.292	ng		99
51) 2,6-Dinitrotoluene	14.22	165	68465	38.225	ng		98
52) Acenaphthene	14.72	154	221698	37.913	ng		98
53) 3-Nitroaniline	14.56	138	43974	25.429	ng		95
54) 2,4-Dinitrophenol	14.77	184	65457	60.479	ng		97
55) Dibenzofuran	15.05	168	370793	39.101	ng		98
56) 4-Nitrophenol	14.89	139	95155	82.111	ng		94
57) 2,4-Dinitrotoluene	15.01	165	96641	37.755	ng		96
58) Fluorene	15.70	166	305648	38.430	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	100576	40.363	ng	#	97
60) Diethylphthalate	15.46	149	302033	36.460	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	172946	37.274	ng		95
62) 4-Nitroaniline	15.73	138	63335	35.463	ng		99
63) Azobenzene	15.98	77	250477	37.360	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	55567	38.269	ng		95
66) n-Nitrosodiphenylamine	15.91	169	268286	38.515	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	121460	36.580	ng		98
68) Hexachlorobenzene	16.70	284	140189	36.781	ng		98
69) Atrazine	16.85	200	115123	47.563	ng		98
70) Pentachlorophenol	17.06	266	146868	84.566	ng		94
71) Phenanthrene	17.44	178	491367	38.891	ng		99
72) Anthracene	17.53	178	506939	40.103	ng		99
73) Carbazole	17.80	167	448878	39.213	ng		99
74) Di-n-butylphthalate	18.35	149	535836	38.578	ng		99
75) Fluoranthene	19.45	202	664795	40.361	ng		99
77) Benzidine	19.63	184	297608	51.532	ng		98
78) Pyrene	19.81	202	668853	37.655	ng		99
80) Butylbenzylphthalate	20.69	149	248720	36.959	ng		97
81) Benzo(a)anthracene	21.65	228	694347	38.628	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	207854	29.896	ng		98
83) Chrysene	21.71	228	677364	37.927	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	367893	38.485	ng		98
85) Di-n-octyl phthalate	22.74	149	630574	38.880	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	878956	39.207	ng	#	97
88) Benzo(b)fluoranthene	23.84	252	736154	38.721	ng		98
89) Benzo(k)fluoranthene	23.91	252	738756	38.599	ng		99
90) Benzo(a)pyrene	24.71	252	682351	37.585	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	740797	39.893	ng		99
92) Benzo(g,h,i)perylene	29.64	276	742344	40.527	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043371.D
Acq On : 29 Oct 2019 12:52
Operator : JU
Sample : PB124325BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 30 08:08:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB124325BS

Manual Integrations APPROVED
mohammad
10/30/2019 4:54:24 PM