Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046801.D
Acq On : 7 Oct 2020 14:23
Operator : CG/JU
Sample : PB132169BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB132169BS

Manual Integrations APPROVED
mohammad
10/8/2020 12:28:43 PM

Quant Time: Oct 07 15:31:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.114	152	62855	20.00	ng	#	0.00
21) Naphthalene-d8	10.923	136	250332	20.00	ng	#	0.00
39) Acenaphthene-d10	14.736	164	176544	20.00	ng		0.00
64) Phenanthrene-d10	17.474	188	443542	20.00	ng	#	0.00
76) Chrysene-d12	21.757	240	529888	20.00	ng	#	0.00
86) Perylene-d12	25.024	264	472563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	456375	116.32	ng		0.00
7) Phenol-d6	7.262	99	606649	109.62	ng		0.00
23) Nitrobenzene-d5	9.272	82	521549	110.84	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	286087	122.90	ng		0.00
45) 2-Fluorobiphenyl	13.361	172	1185682	95.08	ng		0.00
79) Terphenyl-d14	20.082	244	1860186	70.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	61749	33.73	ng	#	93
3) Pyridine	3.960	79	137936	26.63	ng		95
4) n-Nitrosodimethylamine	3.872	42	100872	37.22	ng	#	67
6) Aniline	7.433	93	218694	32.70	ng		95
8) 2-Chlorophenol	7.673	128	166841	42.67	ng		87
9) Benzaldehyde	7.244	77	107411	34.30	ng		85
10) Phenol	7.291	94	231209	41.97	ng		83
11) bis(2-Chloroethyl)ether	7.527	93	162573	38.18	ng		93
12) 1,3-Dichlorobenzene	8.002	146	195437	38.71	ng	#	94
13) 1,4-Dichlorobenzene	8.149	146	197345	39.44	ng		99
14) 1,2-Dichlorobenzene	8.467	146	181711	38.94	ng		96
15) Benzyl Alcohol	8.343	79	179112	39.36	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.643	45	239788	32.10	ng		99
17) 2-Methylphenol	8.543	107	150075	42.43	ng	#	89
18) Hexachloroethane	9.201	117	70191	37.19	ng		99
19) n-Nitroso-di-n-propyla...	8.913	70	137461	36.22	ng		91
20) 3+4-Methylphenols	8.872	107	204372	42.39	ng		93
22) Acetophenone	8.931	105	270630	37.22	ng	#	93
24) Nitrobenzene	9.313	77	212729	41.42	ng	#	86
25) Isophorone	9.836	82	375924	36.60	ng		94
26) 2-Nitrophenol	10.029	139	95783	51.58	ng	#	71
27) 2,4-Dimethylphenol	10.082	122	161022	43.38	ng		96
28) bis(2-Chloroethoxy)met...	10.317	93	212272	33.50	ng		97
29) 2,4-Dichlorophenol	10.564	162	183081	41.01	ng		98
30) 1,2,4-Trichlorobenzene	10.782	180	203072	38.10	ng		99
31) Naphthalene	10.975	128	514930	37.92	ng		98
32) Benzoic acid	10.200	122	120478	46.72	ng	#	77
33) 4-Chloroaniline	11.069	127	153538	25.53	ng	#	90
34) Hexachlorobutadiene	11.257	225	145656	37.28	ng		93
35) Caprolactam	11.833	113	59585m	39.40	ng		
36) 4-Chloro-3-methylphenol	12.180	107	189378	39.45	ng		89
37) 2-Methylnaphthalene	12.568	142	392441	38.99	ng	#	96
38) 1-Methylnaphthalene	12.785	142	359867	38.51	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.932	216	247476	38.99	ng	#	96
41) Hexachlorocyclopentadiene	12.914	237	314905	85.31	ng		99
43) 2,4,6-Trichlorophenol	13.167	196	161839	40.55	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046801.D
Acq On : 7 Oct 2020 14:23
Operator : CG/JU
Sample : PB132169BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 15:31:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB132169BS

Manual Integrations APPROVED
mohammad
10/8/2020 12:28:43 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.237	196	173739	43.25	ng	#	96
46) 1,1'-Biphenyl	13.572	154	523020	38.53	ng		94
47) 2-Chloronaphthalene	13.613	162	397630	36.05	ng		96
48) 2-Nitroaniline	13.807	65	139742	47.73	ng	#	81
49) Acenaphthylene	14.460	152	621369	38.28	ng		97
50) Dimethylphthalate	14.183	163	519815	36.86	ng		99
51) 2,6-Dinitrotoluene	14.301	165	117516	51.28	ng	#	79
52) Acenaphthene	14.800	154	470125m	42.65	ng		
53) 3-Nitroaniline	14.630	138	92384	35.67	ng	#	82
54) 2,4-Dinitrophenol	14.830	184	146447	117.01	ng	#	74
55) Dibenzofuran	15.129	168	639798	38.44	ng		96
56) 4-Nitrophenol	14.930	139	205476	96.33	ng	#	64
57) 2,4-Dinitrotoluene	15.082	165	163711	53.95	ng	#	75
58) Fluorene	15.782	166	502040	37.67	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.353	232	179412m	44.69	ng		
60) Diethylphthalate	15.547	149	516292	36.42	ng		97
61) 4-Chlorophenyl-phenyle...	15.770	204	291994	38.38	ng		99
62) 4-Nitroaniline	15.787	138	122427	42.58	ng	#	61
63) Azobenzene	16.064	77	497071	35.67	ng		91
65) 4,6-Dinitro-2-methylph...	15.846	198	104742	56.89	ng		89
66) n-Nitrosodiphenylamine	15.981	169	465080	34.90	ng		97
67) 4-Bromophenyl-phenylether	16.663	248	200326	35.75	ng		94
68) Hexachlorobenzene	16.780	284	215391	35.72	ng		93
69) Atrazine	16.927	200	179270	33.48	ng		98
70) Pentachlorophenol	17.121	266	313715	90.13	ng		89
71) Phenanthrene	17.521	178	870465	36.15	ng		97
72) Anthracene	17.609	178	896224	37.72	ng		97
73) Carbazole	17.873	167	814277	37.66	ng		99
74) Di-n-butylphthalate	18.431	149	927770	34.91	ng	#	99
75) Fluoranthene	19.524	202	1210566	39.47	ng		97
77) Benzidine	19.695	184	417260	25.55	ng		99
78) Pyrene	19.883	202	1211444	35.57	ng		98
80) Butylbenzylphthalate	20.770	149	475555	36.13	ng		92
81) Benzo(a)anthracene	21.733	228	1280320	36.19	ng		99
82) 3,3'-Dichlorobenzidine	21.645	252	433350	31.56	ng		99
83) Chrysene	21.804	228	1212898	35.88	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	673006	34.81	ng		97
85) Di-n-octyl phthalate	22.879	149	1152218	34.66	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.772	276	1476147	42.22	ng	#	86
88) Benzo(b)fluoranthene	23.990	252	1313505	42.41	ng	#	98
89) Benzo(k)fluoranthene	24.060	252	1245708	41.84	ng	#	97
90) Benzo(a)pyrene	24.877	252	1192095	40.91	ng	#	97
91) Dibenzo(a,h)anthracene	28.843	278	1231626	43.07	ng	#	96
92) Benzo(g,h,i)perylene	29.953	276	1226012	43.84	ng	#	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046801.D
Acq On : 7 Oct 2020 14:23
Operator : CG/JU
Sample : PB132169BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 15:31:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB132169BS

Manual Integrations APPROVED
mohammad
10/8/2020 12:28:43 PM