Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
Data File : BG046831.D
Acq On : 9 Oct 2020 13:02
Operator : CG/JU
Sample : PB132200BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB132200BS

Manual Integrations APPROVED
mohammad
10/13/2020 11:07:36 AM

Quant Time: Oct 09 14:47:04 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	8.109	152	67745	20.00	ng		0.00
21) Naphthalene-d8	10.917	136	255399	20.00	ng		0.00
39) Acenaphthene-d10	14.731	164	173965	20.00	ng		0.00
64) Phenanthrene-d10	17.474	188	442973	20.00	ng	#	0.00
76) Chrysene-d12	21.752	240	512851	20.00	ng	#	0.00
86) Perylene-d12	25.018	264	514351	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.671	112	494648	116.97	ng		0.00
7) Phenol-d6	7.257	99	640806	107.43	ng		0.00
23) Nitrobenzene-d5	9.266	82	425524	88.64	ng		0.00
42) 2,4,6-Tribromophenol	16.217	330	309029	134.72	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	939902	76.49	ng		0.00
79) Terphenyl-d14	20.077	244	1958148	76.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	104675	53.05	ng	#	91
3) Pyridine	3.961	79	178050	31.90	ng		95
4) n-Nitrosodimethylamine	3.873	42	106104	36.32	ng	#	76
6) Aniline	7.427	93	219169	30.40	ng		92
8) 2-Chlorophenol	7.668	128	174306	41.36	ng		93
9) Benzaldehyde	7.239	77	69726	17.72	ng		90
10) Phenol	7.286	94	233358	39.30	ng		80
11) bis(2-Chloroethyl)ether	7.521	93	168220	36.66	ng		92
12) 1,3-Dichlorobenzene	7.997	146	209115	38.43	ng	#	94
13) 1,4-Dichlorobenzene	8.144	146	205262	38.06	ng		95
14) 1,2-Dichlorobenzene	8.461	146	195325	38.84	ng		97
15) Benzyl Alcohol	8.338	79	175747	35.84	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.638	45	239040	29.69	ng		98
17) 2-Methylphenol	8.538	107	148971	39.07	ng	#	88
18) Hexachloroethane	9.196	117	74107	36.43	ng		98
19) n-Nitroso-di-n-propyla...	8.908	70	141958	34.71	ng	#	97
20) 3+4-Methylphenols	8.867	107	206074	39.66	ng		90
22) Acetophenone	8.926	105	272540	36.74	ng	#	92
24) Nitrobenzene	9.313	77	219161	41.82	ng		91
25) Isophorone	9.836	82	367756	35.09	ng	#	94
26) 2-Nitrophenol	10.024	139	99709	52.63	ng	#	80
27) 2,4-Dimethylphenol	10.077	122	153103	40.43	ng	#	86
28) bis(2-Chloroethoxy)met...	10.312	93	218064	33.73	ng		94
29) 2,4-Dichlorophenol	10.559	162	187787	41.22	ng		94
30) 1,2,4-Trichlorobenzene	10.776	180	208888	38.42	ng		97
31) Naphthalene	10.970	128	530319	38.28	ng		99
32) Benzoic acid	10.201	122	109857	42.43	ng	#	74
33) 4-Chloroaniline	11.064	127	159619	26.01	ng	#	92
34) Hexachlorobutadiene	11.252	225	150788	37.83	ng		97
35) Caprolactam	11.840	113	57586m	37.33	ng		
36) 4-Chloro-3-methylphenol	12.181	107	193385	39.49	ng		93
37) 2-Methylnaphthalene	12.568	142	394305	38.39	ng	#	96
38) 1-Methylnaphthalene	12.786	142	376548m	39.50	ng		
40) 1,2,4,5-Tetrachloroben...	12.933	216	247658	39.60	ng	#	97
41) Hexachlorocyclopentadiene	12.915	237	365621	100.51	ng		99
43) 2,4,6-Trichlorophenol	13.162	196	171039	43.49	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
Data File : BG046831.D
Acq On : 9 Oct 2020 13:02
Operator : CG/JU
Sample : PB132200BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 09 14:47:04 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 :
PB132200BS

Manual Integrations APPROVED
mohammad
10/13/2020 11:07:36 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	178033	44.98	ng	#	91
46) 1,1'-Biphenyl	13.567	154	517537	38.69	ng		96
47) 2-Chloronaphthalene	13.608	162	410128	37.74	ng		97
48) 2-Nitroaniline	13.802	65	142885	49.52	ng	#	77
49) Acenaphthylene	14.454	152	624859	39.07	ng		98
50) Dimethylphthalate	14.178	163	531362	38.24	ng		99
51) 2,6-Dinitrotoluene	14.296	165	120719	53.46	ng	#	75
52) Acenaphthene	14.795	154	477017m	43.91	ng		
53) 3-Nitroaniline	14.625	138	99210	38.87	ng	#	79
54) 2,4-Dinitrophenol	14.830	184	141786	114.96	ng	#	78
55) Dibenzofuran	15.130	168	648385	39.54	ng		97
56) 4-Nitrophenol	14.924	139	212354	101.04	ng	#	61
57) 2,4-Dinitrotoluene	15.083	165	173295	57.95	ng	#	84
58) Fluorene	15.776	166	524336	39.92	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.347	232	183859	46.47	ng	#	96
60) Diethylphthalate	15.541	149	525975	37.65	ng		95
61) 4-Chlorophenyl-phenyle...	15.765	204	298796	39.85	ng		95
62) 4-Nitroaniline	15.788	138	127705	45.07	ng	#	65
63) Azobenzene	16.058	77	496528	36.16	ng		89
65) 4,6-Dinitro-2-methylph...	15.847	198	113057	61.49	ng		95
66) n-Nitrosodiphenylamine	15.976	169	487045	36.60	ng		98
67) 4-Bromophenyl-phenylether	16.658	248	208518	37.25	ng		95
68) Hexachlorobenzene	16.781	284	220354	36.59	ng		97
69) Atrazine	16.922	200	187393	35.05	ng		99
70) Pentachlorophenol	17.122	266	301636	86.77	ng		89
71) Phenanthrene	17.516	178	904949	37.63	ng		96
72) Anthracene	17.604	178	933295	39.33	ng		97
73) Carbazole	17.874	167	842309	39.00	ng		98
74) Di-n-butylphthalate	18.426	149	955706	36.01	ng	#	97
75) Fluoranthene	19.519	202	1248335	40.76	ng		97
77) Benzidine	19.689	184	547821	34.65	ng		98
78) Pyrene	19.877	202	1235912	37.49	ng		98
80) Butylbenzylphthalate	20.759	149	476196	37.38	ng		93
81) Benzo(a)anthracene	21.728	228	1300148	37.97	ng		98
82) 3,3'-Dichlorobenzidine	21.640	252	403576	30.37	ng		97
83) Chrysene	21.799	228	1230426	37.61	ng		99
84) Bis(2-ethylhexyl)phtha...	21.634	149	683381	36.52	ng		97
85) Di-n-octyl phthalate	22.862	149	1166897	36.26	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.744	276	1519063	39.92	ng	#	88
88) Benzo(b)fluoranthene	23.979	252	1357761	40.28	ng	#	98
89) Benzo(k)fluoranthene	24.049	252	1300073	40.12	ng	#	97
90) Benzo(a)pyrene	24.866	252	1241308	39.14	ng	#	98
91) Dibenzo(a,h)anthracene	28.826	278	1251167	40.19	ng	#	95
92) Benzo(g,h,i)perylene	29.919	276	1207388	39.66	ng	#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
Data File : BG046831.D
Acq On : 9 Oct 2020 13:02
Operator : CG/JU
Sample : PB132200BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 09 14:47:04 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 :
PB132200BS

Manual Integrations APPROVED
mohammad
10/13/2020 11:07:36 AM