Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047958.D
Acq On : 21 Jan 2021 17:58
Operator : CG/JU
Sample : PB134235BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134235BS

Manual Integrations APPROVED
mohammad
1/22/2021 11:55:21 AM

Quant Time: Jan 21 18:36:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 21 14:42:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	44040	20.00	ng	# 0.00
21) Naphthalene-d8	10.967	136	174563	20.00	ng	# 0.00
39) Acenaphthene-d10	14.774	164	130787	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	344218	20.00	ng	# 0.00
76) Chrysene-d12	21.801	240	378253	20.00	ng	# 0.00
86) Perylene-d12	25.103	264	396756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	347939	128.85	ng	0.00
7) Phenol-d6	7.294	99	478659	117.43	ng	0.00
23) Nitrobenzene-d5	9.310	82	307361	77.43	ng	0.00
42) 2,4,6-Tribromophenol	16.255	330	260630	124.53	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	714679	72.98	ng	0.00
79) Terphenyl-d14	20.115	244	1423473	69.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	40658	33.19	ng	# 84
3) Pyridine	3.987	79	125308	33.46	ng	93
4) n-Nitrosodimethylamine	3.898	42	75653	40.26	ng	# 74
6) Aniline	7.465	93	116003	23.84	ng	# 90
8) 2-Chlorophenol	7.712	128	131194	47.21	ng	90
9) Benzaldehyde	7.277	77	102473	45.37	ng	84
10) Phenol	7.318	94	175224	45.40	ng	# 72
11) bis(2-Chloroethyl)ether	7.559	93	125179	41.22	ng	91
12) 1,3-Dichlorobenzene	8.041	146	140571	39.77	ng	# 91
13) 1,4-Dichlorobenzene	8.182	146	141949	40.04	ng	96
14) 1,2-Dichlorobenzene	8.505	146	137954m	40.54	ng	
15) Benzyl Alcohol	8.381	79	146177	42.93	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.675	45	200309	38.98	ng	100
17) 2-Methylphenol	8.581	107	119541	46.36	ng	# 86
18) Hexachloroethane	9.239	117	52518	39.41	ng	97
19) n-Nitroso-di-n-propyla...	8.951	70	117193	40.62	ng	93
20) 3+4-Methylphenols	8.904	107	165008	46.61	ng	89
22) Acetophenone	8.969	105	204609	39.71	ng	# 91
24) Nitrobenzene	9.351	77	171157	42.70	ng	# 82
25) Isophorone	9.880	82	314925	42.24	ng	# 92
26) 2-Nitrophenol	10.068	139	66430	44.38	ng	# 70
27) 2,4-Dimethylphenol	10.121	122	123840	49.69	ng	90
28) bis(2-Chloroethoxy)met...	10.361	93	176092	39.71	ng	96
29) 2,4-Dichlorophenol	10.602	162	140745	45.27	ng	90
30) 1,2,4-Trichlorobenzene	10.826	180	153315	38.57	ng	93
31) Naphthalene	11.014	128	387638	40.07	ng	99
32) Benzoic acid	10.238	122	90257	44.37	ng	# 79
33) 4-Chloroaniline	11.108	127	59231	13.84	ng	# 90
34) Hexachlorobutadiene	11.302	225	110737	37.38	ng	99
35) Caprolactam	11.877	113	53186m	45.41	ng	
36) 4-Chloro-3-methylphenol	12.218	107	160678	46.44	ng	89
37) 2-Methylnaphthalene	12.612	142	302417	41.19	ng	# 91
38) 1-Methylnaphthalene	12.829	142	282725	41.13	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.976	216	197685	39.60	ng	# 98
41) Hexachlorocyclopentadiene	12.958	237	265461	99.51	ng	98
43) 2,4,6-Trichlorophenol	13.205	196	138109	43.32	ng	93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047958.D
Acq On : 21 Jan 2021 17:58
Operator : CG/JU
Sample : PB134235BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134235BS

Manual Integrations APPROVED
mohammad
1/22/2021 11:55:21 AM

Quant Time: Jan 21 18:36:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 21 14:42:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.276	196	148816	45.57	ng	#	93
46) 1,1'-Biphenyl	13.611	154	409060	41.03	ng		99
47) 2-Chloronaphthalene	13.652	162	313948	38.87	ng		95
48) 2-Nitroaniline	13.846	65	118441	41.99	ng	#	77
49) Acenaphthylene	14.498	152	516872	40.80	ng		98
50) Dimethylphthalate	14.222	163	462361	40.67	ng		99
51) 2,6-Dinitrotoluene	14.333	165	100276	45.82	ng	#	65
52) Acenaphthene	14.839	154	375695	44.71	ng		98
53) 3-Nitroaniline	14.662	138	44620	18.68	ng		82
54) 2,4-Dinitrophenol	14.868	184	105068	83.79	ng	#	71
55) Dibenzofuran	15.168	168	506934	40.57	ng		93
56) 4-Nitrophenol	14.962	139	177568	95.24	ng	#	57
57) 2,4-Dinitrotoluene	15.121	165	140677	45.81	ng	#	76
58) Fluorene	15.814	166	432351	40.76	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.385	232	154853	45.67	ng	#	96
60) Diethylphthalate	15.585	149	457819	41.05	ng		97
61) 4-Chlorophenyl-phenyle...	15.808	204	253635	39.99	ng		97
62) 4-Nitroaniline	15.826	138	98429	37.44	ng	#	63
63) Azobenzene	16.102	77	451152	41.28	ng		90
65) 4,6-Dinitro-2-methylph...	15.884	198	81189	46.82	ng		82
66) n-Nitrosodiphenylamine	16.019	169	410873	40.89	ng		97
67) 4-Bromophenyl-phenylether	16.701	248	180352	39.50	ng		98
68) Hexachlorobenzene	16.819	284	190881	39.40	ng		98
69) Atrazine	16.965	200	155197	41.39	ng		98
70) Pentachlorophenol	17.159	266	261715	93.76	ng		97
71) Phenanthrene	17.559	178	762449	40.96	ng		98
72) Anthracene	17.647	178	782036	42.91	ng		98
73) Carbazole	17.911	167	708986	42.65	ng		98
74) Di-n-butylphthalate	18.470	149	824592	41.67	ng	#	98
75) Fluoranthene	19.557	202	1054872	42.57	ng		97
77) Benzidine	19.727	184	242700	25.08	ng		98
78) Pyrene	19.921	202	1055607	41.25	ng		98
80) Butylbenzylphthalate	20.802	149	379190	41.82	ng	#	86
81) Benzo(a)anthracene	21.777	228	1081058	41.38	ng		98
82) 3,3'-Dichlorobenzidine	21.689	252	208474	23.07	ng		99
83) Chrysene	21.848	228	1036104	41.41	ng		99
84) Bis(2-ethylhexyl)phtha...	21.689	149	546465	42.41	ng		98
85) Di-n-octyl phthalate	22.941	149	935345	43.33	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.899	276	1302992	42.92	ng	#	90
88) Benzo(b)fluoranthene	24.057	252	1135184	43.00	ng	#	98
89) Benzo(k)fluoranthene	24.128	252	1093091	42.64	ng	#	96
90) Benzo(a)pyrene	24.950	252	1032063	41.51	ng	#	98
91) Dibenzo(a,h)anthracene	28.969	278	1086105	43.86	ng	#	96
92) Benzo(g,h,i)perylene	30.074	276	1065220	44.01	ng	#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047958.D
Acq On : 21 Jan 2021 17:58
Operator : CG/JU
Sample : PB134235BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 21 18:36:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 21 14:42:53 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB134235BS

Manual Integrations APPROVED
mohammad
1/22/2021 11:55:21 AM