Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050567.D
Acq On : 13 Oct 2021 12:31
Operator : CG/JU
Sample : PB139688BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139688BS

Manual Integrations APPROVED
mohammad
10/14/2021 10:54:15 AM

Quant Time: Oct 13 15:11:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.258	152	40044	20.00	ng		0.00
21) Naphthalene-d8	11.085	136	178631	20.00	ng		# 0.00
39) Acenaphthene-d10	14.880	164	122655	20.00	ng		0.00
64) Phenanthrene-d10	17.624	188	287396	20.00	ng		# 0.00
76) Chrysene-d12	21.925	240	251389	20.00	ng		# 0.00
86) Perylene-d12	25.338	264	253019	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	337022	125.87	ng		0.00
7) Phenol-d6	7.401	99	465035	119.96	ng		0.00
23) Nitrobenzene-d5	9.434	82	322559	74.75	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	139470	119.21	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	604165	74.13	ng		0.00
79) Terphenyl-d14	20.209	244	1005894	77.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	41528	29.95	ng		93
3) Pyridine	4.058	79	98656	26.04	ng	#	91
4) n-Nitrosodimethylamine	3.975	42	70086	39.26	ng	#	46
6) Aniline	7.577	93	176737	39.24	ng		93
8) 2-Chlorophenol	7.818	128	122006	47.33	ng		88
9) Benzaldehyde	7.389	77	95415	38.90	ng		91
10) Phenol	7.430	94	172692	45.82	ng		87
11) bis(2-Chloroethyl)ether	7.665	93	121390	41.26	ng		83
12) 1,3-Dichlorobenzene	8.147	146	122201	41.06	ng		95
13) 1,4-Dichlorobenzene	8.294	146	122049	40.68	ng		97
14) 1,2-Dichlorobenzene	8.617	146	118573	41.38	ng		94
15) Benzyl Alcohol	8.494	79	142429	46.49	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.781	45	206146	42.97	ng		86
17) 2-Methylphenol	8.693	107	119599	48.22	ng		92
18) Hexachloroethane	9.351	117	47846	42.14	ng		91
19) n-Nitroso-di-n-propyla...	9.063	70	120469	42.64	ng	#	92
20) 3+4-Methylphenols	9.022	107	165502	47.41	ng		98
22) Acetophenone	9.081	105	195525	38.50	ng	#	98
24) Nitrobenzene	9.475	77	173697	40.48	ng		95
25) Isophorone	9.998	82	309436	40.43	ng	#	95
26) 2-Nitrophenol	10.192	139	67920	43.11	ng	#	93
27) 2,4-Dimethylphenol	10.233	122	130535	47.96	ng		93
28) bis(2-Chloroethoxy)met...	10.474	93	171126	39.10	ng		93
29) 2,4-Dichlorophenol	10.720	162	123480	44.51	ng		96
30) 1,2,4-Trichlorobenzene	10.944	180	119787	38.01	ng		99
31) Naphthalene	11.137	128	382311	39.98	ng		99
32) Benzoic acid	10.368	122	79412	39.31	ng	#	82
33) 4-Chloroaniline	11.237	127	113421	28.27	ng		98
34) Hexachlorobutadiene	11.408	225	74768	37.79	ng		97
35) Caprolactam	12.007	113	48375m	45.56	ng		
36) 4-Chloro-3-methylphenol	12.336	107	154616	44.59	ng	#	88
37) 2-Methylnaphthalene	12.724	142	278292	42.18	ng		93
38) 1-Methylnaphthalene	12.941	142	258235	40.37	ng		92
40) 1,2,4,5-Tetrachloroben...	13.082	216	137565	37.98	ng		96
41) Hexachlorocyclopentadiene	13.059	237	181348	86.63	ng		95
43) 2,4,6-Trichlorophenol	13.317	196	104614	40.99	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050567.D
Acq On : 13 Oct 2021 12:31
Operator : CG/JU
Sample : PB139688BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139688BS

Manual Integrations APPROVED
mohammad
10/14/2021 10:54:15 AM

Quant Time: Oct 13 15:11:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	113380	42.49	ng		91
46) 1,1'-Biphenyl	13.717	154	346023	38.68	ng		95
47) 2-Chloronaphthalene	13.764	162	276304	40.22	ng		99
48) 2-Nitroaniline	13.964	65	122412	44.79	ng		96
49) Acenaphthylene	14.604	152	464722	41.29	ng		96
50) Dimethylphthalate	14.322	163	386845	41.73	ng		99
51) 2,6-Dinitrotoluene	14.445	165	84050	45.26	ng		94
52) Acenaphthene	14.945	154	334620m	46.26	ng		
53) 3-Nitroaniline	14.780	138	73679	33.54	ng		92
54) 2,4-Dinitrophenol	14.986	184	98259	85.29	ng		88
55) Dibenzofuran	15.274	168	442986	39.60	ng		97
56) 4-Nitrophenol	15.080	139	157814	89.32	ng	#	80
57) 2,4-Dinitrotoluene	15.233	165	120302	45.96	ng		94
58) Fluorene	15.920	166	355810	41.41	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.491	232	96172	41.37	ng		94
60) Diethylphthalate	15.673	149	414054	42.51	ng		97
61) 4-Chlorophenyl-phenyle...	15.908	204	189244	40.25	ng		98
62) 4-Nitroaniline	15.944	138	95723	41.89	ng	#	70
63) Azobenzene	16.202	77	460670	40.85	ng		83
65) 4,6-Dinitro-2-methylph...	15.991	198	67170	38.91	ng		84
66) n-Nitrosodiphenylamine	16.120	169	326020	39.92	ng		98
67) 4-Bromophenyl-phenylether	16.801	248	115105	39.75	ng		100
68) Hexachlorobenzene	16.919	284	116118	40.34	ng	#	91
69) Atrazine	17.060	200	139094	43.24	ng		98
70) Pentachlorophenol	17.266	266	152082	77.62	ng		96
71) Phenanthrene	17.665	178	616545	40.71	ng		97
72) Anthracene	17.759	178	624743	41.51	ng		98
73) Carbazole	18.024	167	592580	39.51	ng		99
74) Di-n-butylphthalate	18.558	149	747442	42.46	ng		97
75) Fluoranthene	19.663	202	767832	41.24	ng		96
77) Benzidine	19.833	184	368727	45.25	ng		97
78) Pyrene	20.021	202	763121	42.79	ng		97
80) Butylbenzylphthalate	20.891	149	326920	43.33	ng		95
81) Benzo(a)anthracene	21.901	228	682255	41.02	ng		100
82) 3,3'-Dichlorobenzidine	21.807	252	192317	34.89	ng	#	99
83) Chrysene	21.972	228	643772	41.14	ng		95
84) Bis(2-ethylhexyl)phtha...	21.778	149	473773	44.20	ng	#	97
85) Di-n-octyl phthalate	23.053	149	806671	45.12	ng		96
87) Indeno(1,2,3-cd)pyrene	29.269	276	756148	42.91	ng	#	93
88) Benzo(b)fluoranthene	24.246	252	691419	44.62	ng	#	94
89) Benzo(k)fluoranthene	24.322	252	666381	43.71	ng	#	96
90) Benzo(a)pyrene	25.180	252	669795	50.84	ng	#	94
91) Dibenzo(a,h)anthracene	29.340	278	634561	43.53	ng	#	91
92) Benzo(g,h,i)perylene	30.509	276	623369	43.67	ng	#	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050567.D
Acq On : 13 Oct 2021 12:31
Operator : CG/JU
Sample : PB139688BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 13 15:11:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB139688BS

Manual Integrations APPROVED
mohammad
10/14/2021 10:54:15 AM