Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050570.D
Acq On : 13 Oct 2021 14:34
Operator : CG/JU
Sample : PB139737BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139737BS

Manual Integrations APPROVED
mohammad
10/14/2021 10:54:20 AM

Quant Time: Oct 13 15:17:47 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	8.256	152	41508	20.00	ng		0.00
21) Naphthalene-d8	11.082	136	183470	20.00	ng		# 0.00
39) Acenaphthene-d10	14.878	164	128519	20.00	ng		0.00
64) Phenanthrene-d10	17.621	188	296980	20.00	ng		# 0.00
76) Chrysene-d12	21.922	240	261794	20.00	ng		# 0.00
86) Perylene-d12	25.336	264	265763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.794	112	347785	125.31	ng		0.00
7) Phenol-d6	7.404	99	477625	118.86	ng		0.00
23) Nitrobenzene-d5	9.431	82	326153	73.59	ng		0.00
42) 2,4,6-Tribromophenol	16.364	330	143285	116.89	ng		0.00
45) 2-Fluorobiphenyl	13.503	172	616118	72.15	ng		0.00
79) Terphenyl-d14	20.207	244	1032706	76.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.650	88	42355	29.47	ng		90
3) Pyridine	4.061	79	100801	25.67	ng		95
4) n-Nitrosodimethylamine	3.973	42	72477	39.17	ng	#	47
6) Aniline	7.574	93	181060	38.78	ng	#	89
8) 2-Chlorophenol	7.821	128	125600	47.00	ng		89
9) Benzaldehyde	7.386	77	98801	38.86	ng		93
10) Phenol	7.427	94	179168	45.86	ng		87
11) bis(2-Chloroethyl)ether	7.668	93	126930	41.62	ng		85
12) 1,3-Dichlorobenzene	8.144	146	123819	40.14	ng		96
13) 1,4-Dichlorobenzene	8.297	146	125390	40.32	ng		97
14) 1,2-Dichlorobenzene	8.614	146	122298	41.17	ng		96
15) Benzyl Alcohol	8.491	79	143365	45.15	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.779	45	209864	42.20	ng		85
17) 2-Methylphenol	8.691	107	121019	47.07	ng		92
18) Hexachloroethane	9.349	117	48388	41.11	ng		94
19) n-Nitroso-di-n-propyla...	9.061	70	123065	42.02	ng	#	89
20) 3+4-Methylphenols	9.020	107	165310	45.68	ng		95
22) Acetophenone	9.084	105	203329	38.98	ng	#	96
24) Nitrobenzene	9.472	77	177821	40.35	ng		94
25) Isophorone	9.995	82	318559	40.52	ng	#	96
26) 2-Nitrophenol	10.189	139	70533	43.59	ng	#	93
27) 2,4-Dimethylphenol	10.230	122	134423	48.08	ng		95
28) bis(2-Chloroethoxy)met...	10.471	93	178731	39.76	ng		92
29) 2,4-Dichlorophenol	10.724	162	125894	44.18	ng		95
30) 1,2,4-Trichlorobenzene	10.941	180	124053	38.32	ng		95
31) Naphthalene	11.135	128	393184	40.04	ng		98
32) Benzoic acid	10.365	122	82180	39.61	ng	#	74
33) 4-Chloroaniline	11.241	127	120033	29.13	ng		96
34) Hexachlorobutadiene	11.405	225	76054	37.43	ng		96
35) Caprolactam	12.010	113	51160m	46.91	ng		
36) 4-Chloro-3-methylphenol	12.333	107	159541	44.79	ng	#	89
37) 2-Methylnaphthalene	12.721	142	284078	41.92	ng		93
38) 1-Methylnaphthalene	12.939	142	262265	39.91	ng		95
40) 1,2,4,5-Tetrachloroben...	13.080	216	143892	37.91	ng		98
41) Hexachlorocyclopentadiene	13.056	237	180826	82.44	ng		93
43) 2,4,6-Trichlorophenol	13.315	196	107721	40.28	ng		93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050570.D
Acq On : 13 Oct 2021 14:34
Operator : CG/JU
Sample : PB139737BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139737BS

Manual Integrations APPROVED
mohammad
10/14/2021 10:54:20 AM

Quant Time: Oct 13 15:17:47 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	13.385	196	116496	41.66	ng		89
46)	1,1'-Biphenyl	13.714	154	358268	38.22	ng		96
47)	2-Chloronaphthalene	13.761	162	280846	39.02	ng		98
48)	2-Nitroaniline	13.961	65	125904	43.97	ng		95
49)	Acenaphthylene	14.607	152	472445	40.06	ng		98
50)	Dimethylphthalate	14.325	163	399546	41.13	ng		98
51)	2,6-Dinitrotoluene	14.449	165	85494	43.94	ng		93
52)	Acenaphthene	14.942	154	343302m	45.30	ng		
53)	3-Nitroaniline	14.778	138	77729	33.77	ng		84
54)	2,4-Dinitrophenol	14.983	184	101544	84.12	ng		93
55)	Dibenzofuran	15.277	168	455405	38.85	ng		97
56)	4-Nitrophenol	15.077	139	163122	88.11	ng	#	81
57)	2,4-Dinitrotoluene	15.230	165	126284	46.05	ng		95
58)	Fluorene	15.923	166	369779	41.07	ng		92
59)	2,3,4,6-Tetrachlorophenol	15.494	232	100705m	41.35	ng		
60)	Diethylphthalate	15.677	149	427633	41.90	ng		97
61)	4-Chlorophenyl-phenyle...	15.906	204	197463	40.08	ng		99
62)	4-Nitroaniline	15.941	138	100421	41.94	ng	#	70
63)	Azobenzene	16.200	77	477008	40.37	ng		82
65)	4,6-Dinitro-2-methylph...	15.994	198	68468	38.38	ng		92
66)	n-Nitrosodiphenylamine	16.123	169	341521	40.47	ng		98
67)	4-Bromophenyl-phenylether	16.799	248	119385	39.89	ng		97
68)	Hexachlorobenzene	16.922	284	120403	40.48	ng	#	92
69)	Atrazine	17.057	200	142824	42.97	ng		98
70)	Pentachlorophenol	17.263	266	157796	77.93	ng		93
71)	Phenanthrene	17.663	178	638902	40.83	ng		98
72)	Anthracene	17.757	178	652131	41.93	ng		98
73)	Carbazole	18.021	167	613366	39.57	ng		99
74)	Di-n-butylphthalate	18.556	149	774897	42.60	ng		97
75)	Fluoranthene	19.660	202	785902	40.85	ng		96
77)	Benzidine	19.836	184	382187	45.04	ng		98
78)	Pyrene	20.024	202	780766	42.03	ng		97
80)	Butylbenzylphthalate	20.894	149	338016	43.02	ng		97
81)	Benzo(a)anthracene	21.905	228	703256	40.60	ng		98
82)	3,3'-Dichlorobenzidine	21.811	252	208191	36.26	ng	#	99
83)	Chrysene	21.975	228	670604	41.16	ng		95
84)	Bis(2-ethylhexyl)phtha...	21.775	149	483233	43.29	ng	#	97
85)	Di-n-octyl phthalate	23.056	149	835101	44.85	ng		96
87)	Indeno(1,2,3-cd)pyrene	29.267	276	776036	41.92	ng	#	92
88)	Benzo(b)fluoranthene	24.249	252	730765	44.90	ng	#	92
89)	Benzo(k)fluoranthene	24.319	252	677540	42.31	ng	#	97
90)	Benzo(a)pyrene	25.183	252	691754	49.99	ng	#	95
91)	Dibenzo(a,h)anthracene	29.343	278	655583	42.82	ng	#	94
92)	Benzo(g,h,i)perylene	30.500	276	646988	43.15	ng	#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050570.D
Acq On : 13 Oct 2021 14:34
Operator : CG/JU
Sample : PB139737BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 13 15:17:47 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 :
PB139737BS

Manual Integrations APPROVED
mohammad
10/14/2021 10:54:20 AM