Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
Data File : BG050619.D
Acq On : 18 Oct 2021 16:07
Operator : CG/JU
Sample : M4249-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP1-(D)MS

Manual Integrations APPROVED
mohammad
10/19/2021 12:09:03 PM

Quant Time: Oct 18 16:46:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.258	152	39268	20.00	ng		0.00
21) Naphthalene-d8	11.085	136	173288	20.00	ng		# 0.00
39) Acenaphthene-d10	14.874	164	121286	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	285041	20.00	ng		# 0.00
76) Chrysene-d12	21.919	240	248828	20.00	ng		# 0.00
86) Perylene-d12	25.333	264	250672	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	309077	117.71	ng		0.00
7) Phenol-d6	7.401	99	418137	109.99	ng		0.00
23) Nitrobenzene-d5	9.428	82	289623	69.19	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	126609	109.44	ng		0.00
45) 2-Fluorobiphenyl	13.499	172	533647	66.22	ng		0.00
79) Terphenyl-d14	20.209	244	897978	70.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	49104	36.11	ng		93
3) Pyridine	4.058	79	111344	29.97	ng		93
4) n-Nitrosodimethylamine	3.969	42	75317	43.02	ng	#	45
6) Aniline	7.571	93	136683	30.95	ng		96
8) 2-Chlorophenol	7.818	128	126155	49.90	ng		88
9) Benzaldehyde	7.389	77	93861	39.04	ng		92
10) Phenol	7.424	94	180816	48.92	ng		86
11) bis(2-Chloroethyl)ether	7.665	93	129680	44.95	ng		85
12) 1,3-Dichlorobenzene	8.147	146	129122	44.25	ng		93
13) 1,4-Dichlorobenzene	8.294	146	128712	43.75	ng		97
14) 1,2-Dichlorobenzene	8.611	146	125510	44.66	ng		95
15) Benzyl Alcohol	8.488	79	141436	47.08	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.776	45	209668	44.56	ng		86
17) 2-Methylphenol	8.687	107	121100	49.79	ng		92
18) Hexachloroethane	9.351	117	49706	44.64	ng		96
19) n-Nitroso-di-n-propyla...	9.058	70	120090	43.34	ng	#	90
20) 3+4-Methylphenols	9.016	107	164733	48.12	ng		97
22) Acetophenone	9.081	105	201931	40.99	ng	#	97
24) Nitrobenzene	9.469	77	176931	42.51	ng		97
25) Isophorone	9.992	82	313887	42.27	ng	#	95
26) 2-Nitrophenol	10.186	139	69881	45.72	ng	#	92
27) 2,4-Dimethylphenol	10.233	122	133603	50.60	ng		91
28) bis(2-Chloroethoxy)met...	10.468	93	171808	40.47	ng	#	91
29) 2,4-Dichlorophenol	10.720	162	125976	46.81	ng		98
30) 1,2,4-Trichlorobenzene	10.938	180	125380	41.01	ng		94
31) Naphthalene	11.132	128	391085	42.16	ng		100
32) Benzoic acid	10.368	122	78853	40.24	ng	#	75
33) 4-Chloroaniline	11.237	127	66069	16.98	ng		97
34) Hexachlorobutadiene	11.402	225	76729	39.98	ng		93
35) Caprolactam	12.007	113	49850m	48.40	ng		
36) 4-Chloro-3-methylphenol	12.336	107	158589	47.14	ng	#	89
37) 2-Methylnaphthalene	12.718	142	281227	43.94	ng		94
38) 1-Methylnaphthalene	12.935	142	258156	41.60	ng		92
40) 1,2,4,5-Tetrachloroben...	13.082	216	139609	38.98	ng		96
41) Hexachlorocyclopentadiene	13.053	237	178129	86.05	ng		95
43) 2,4,6-Trichlorophenol	13.311	196	105915	41.97	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
Data File : BG050619.D
Acq On : 18 Oct 2021 16:07
Operator : CG/JU
Sample : M4249-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP1-(D)MS

Manual Integrations APPROVED
mohammad
10/19/2021 12:09:03 PM

Quant Time: Oct 18 16:46:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	116036	43.97	ng		90
46) 1,1'-Biphenyl	13.711	154	353988	40.01	ng		94
47) 2-Chloronaphthalene	13.758	162	280893	41.35	ng		97
48) 2-Nitroaniline	13.958	65	122923	45.49	ng		97
49) Acenaphthylene	14.604	152	471067	42.32	ng		97
50) Dimethylphthalate	14.316	163	383480	41.83	ng		100
51) 2,6-Dinitrotoluene	14.445	165	82240	44.79	ng		93
52) Acenaphthene	14.939	154	333895m	46.68	ng		
53) 3-Nitroaniline	14.774	138	51947	23.92	ng		92
54) 2,4-Dinitrophenol	14.980	184	95817	84.11	ng		92
55) Dibenzofuran	15.274	168	449405	40.63	ng		98
56) 4-Nitrophenol	15.074	139	159144	91.09	ng	#	83
57) 2,4-Dinitrotoluene	15.227	165	121515	46.95	ng		93
58) Fluorene	15.920	166	361102	42.50	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.491	232	98111	42.68	ng		94
60) Diethylphthalate	15.673	149	414155	43.00	ng		96
61) 4-Chlorophenyl-phenyle...	15.902	204	192573	41.42	ng		98
62) 4-Nitroaniline	15.938	138	94552	41.84	ng	#	67
63) Azobenzene	16.196	77	459398	41.20	ng		82
65) 4,6-Dinitro-2-methylph...	15.991	198	67832	39.62	ng		88
66) n-Nitrosodiphenylamine	16.120	169	330289	40.78	ng		97
67) 4-Bromophenyl-phenylether	16.801	248	115787	40.31	ng		98
68) Hexachlorobenzene	16.919	284	120322	42.15	ng		94
69) Atrazine	17.060	200	138873	43.53	ng		100
70) Pentachlorophenol	17.266	266	150537	77.46	ng		97
71) Phenanthrene	17.665	178	631466	42.04	ng		98
72) Anthracene	17.753	178	632757	42.39	ng		98
73) Carbazole	18.018	167	596314	40.08	ng		98
74) Di-n-butylphthalate	18.558	149	744257	42.63	ng	#	98
75) Fluoranthene	19.657	202	775667	42.01	ng		96
77) Benzidine	19.833	184	246374	30.55	ng		98
78) Pyrene	20.021	202	775702	43.94	ng		96
80) Butylbenzylphthalate	20.891	149	331713	44.42	ng		98
81) Benzo(a)anthracene	21.901	228	697919	42.39	ng		100
82) 3,3'-Dichlorobenzidine	21.807	252	149839	27.46	ng	#	97
83) Chrysene	21.972	228	661630	42.72	ng		95
84) Bis(2-ethylhexyl)phtha...	21.772	149	470672	44.36	ng	#	96
85) Di-n-octyl phthalate	23.053	149	799618	45.18	ng		96
87) Indeno(1,2,3-cd)pyrene	29.263	276	768895	44.04	ng	#	92
88) Benzo(b)fluoranthene	24.246	252	707434	46.08	ng	#	94
89) Benzo(k)fluoranthene	24.316	252	663619	43.94	ng	#	97
90) Benzo(a)pyrene	25.174	252	682973	52.32	ng	#	93
91) Dibenzo(a,h)anthracene	29.328	278	645869	44.72	ng	#	91
92) Benzo(g,h,i)perylene	30.491	276	636302	44.99	ng	#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
Data File : BG050619.D
Acq On : 18 Oct 2021 16:07
Operator : CG/JU
Sample : M4249-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 18 16:46:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP1-(D)MS

Manual Integrations APPROVED
mohammad
10/19/2021 12:09:03 PM