Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050631.D
Acq On : 19 Oct 2021 12:10
Operator : CG/JU
Sample : PB139947BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139947BSD

Manual Integrations APPROVED
mohammad
10/20/2021 1:53:54 PM

Quant Time: Oct 19 13:36:13 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	8.253	152	45209	20.00	ng		0.00
21) Naphthalene-d8	11.079	136	194556	20.00	ng		# 0.00
39) Acenaphthene-d10	14.875	164	125409	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	267322	20.00	ng		# 0.00
76) Chrysene-d12	21.919	240	232077	20.00	ng		# 0.00
86) Perylene-d12	25.327	264	234940	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	384920	127.33	ng		0.00
7) Phenol-d6	7.401	99	508337	116.15	ng		0.00
23) Nitrobenzene-d5	9.428	82	359565	76.50	ng		0.00
42) 2,4,6-Tribromophenol	16.355	330	140127	117.15	ng		0.00
45) 2-Fluorobiphenyl	13.500	172	642968	77.16	ng		0.00
79) Terphenyl-d14	20.204	244	981560	82.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	46196	29.51	ng		89
3) Pyridine	4.064	79	115850	27.09	ng	#	92
4) n-Nitrosodimethylamine	3.982	42	83723	41.54	ng	#	41
6) Aniline	7.577	93	225915	44.43	ng	#	92
8) 2-Chlorophenol	7.818	128	137200	47.14	ng		86
9) Benzaldehyde	7.389	77	109929	39.82	ng		90
10) Phenol	7.425	94	190776	44.83	ng		86
11) bis(2-Chloroethyl)ether	7.665	93	144198	43.42	ng		88
12) 1,3-Dichlorobenzene	8.141	146	142918	42.54	ng		96
13) 1,4-Dichlorobenzene	8.288	146	144159	42.56	ng		95
14) 1,2-Dichlorobenzene	8.611	146	140911	43.55	ng		95
15) Benzyl Alcohol	8.488	79	154984	44.81	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.776	45	235577	43.49	ng		86
17) 2-Methylphenol	8.688	107	128715	45.97	ng		91
18) Hexachloroethane	9.346	117	56611	44.16	ng		87
19) n-Nitroso-di-n-propyla...	9.058	70	132982	41.69	ng	#	90
20) 3+4-Methylphenols	9.017	107	172139	43.68	ng		97
22) Acetophenone	9.081	105	222623	40.25	ng	#	96
24) Nitrobenzene	9.469	77	192999	41.30	ng		96
25) Isophorone	9.986	82	339341	40.71	ng	#	95
26) 2-Nitrophenol	10.180	139	76649	44.67	ng		92
27) 2,4-Dimethylphenol	10.227	122	139163	46.94	ng		95
28) bis(2-Chloroethoxy)met...	10.468	93	191252	40.12	ng		93
29) 2,4-Dichlorophenol	10.715	162	129864	42.98	ng		95
30) 1,2,4-Trichlorobenzene	10.938	180	140760	41.01	ng		92
31) Naphthalene	11.132	128	425674	40.88	ng		98
32) Benzoic acid	10.362	122	70276	31.94	ng	#	78
33) 4-Chloroaniline	11.232	127	173774	39.77	ng		97
34) Hexachlorobutadiene	11.402	225	85674	39.76	ng		94
35) Caprolactam	12.002	113	48584m	42.01	ng		
36) 4-Chloro-3-methylphenol	12.331	107	158654	42.01	ng	#	90
37) 2-Methylnaphthalene	12.718	142	299767	41.72	ng		91
38) 1-Methylnaphthalene	12.936	142	277366	39.81	ng		93
40) 1,2,4,5-Tetrachloroben...	13.077	216	150868	40.74	ng		97
41) Hexachlorocyclopentadiene	13.053	237	195129	91.17	ng		94
43) 2,4,6-Trichlorophenol	13.312	196	107560	41.22	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050631.D
Acq On : 19 Oct 2021 12:10
Operator : CG/JU
Sample : PB139947BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139947BSD

Manual Integrations APPROVED
mohammad
10/20/2021 1:53:54 PM

Quant Time: Oct 19 13:36:13 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	118246	43.34	ng		91
46)	1,1'-Biphenyl	13.711	154	367960	40.23	ng		95
47)	2-Chloronaphthalene	13.758	162	291098	41.44	ng		98
48)	2-Nitroaniline	13.958	65	121840	43.61	ng		93
49)	Acenaphthylene	14.599	152	483441	42.01	ng		96
50)	Dimethylphthalate	14.316	163	393931	41.56	ng		99
51)	2,6-Dinitrotoluene	14.440	165	83787	44.13	ng		92
52)	Acenaphthene	14.939	154	333844m	45.14	ng		
53)	3-Nitroaniline	14.775	138	88313	39.32	ng		88
54)	2,4-Dinitrophenol	14.980	184	88285	74.95	ng		86
55)	Dibenzofuran	15.268	168	453708	39.67	ng		98
56)	4-Nitrophenol	15.074	139	148591	82.25	ng	#	79
57)	2,4-Dinitrotoluene	15.227	165	120743	45.12	ng		93
58)	Fluorene	15.915	166	359573	40.93	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.492	232	93852	39.49	ng		94
60)	Diethylphthalate	15.668	149	410230	41.19	ng		96
61)	4-Chlorophenyl-phenyle...	15.903	204	192951	40.14	ng		98
62)	4-Nitroaniline	15.938	138	95949	41.06	ng	#	65
63)	Azobenzene	16.197	77	461843	40.06	ng		83
65)	4,6-Dinitro-2-methylph...	15.985	198	62883	39.16	ng		90
66)	n-Nitrosodiphenylamine	16.114	169	321890	42.38	ng		96
67)	4-Bromophenyl-phenylether	16.796	248	115555	42.90	ng		99
68)	Hexachlorobenzene	16.919	284	118041	44.09	ng		95
69)	Atrazine	17.054	200	130212	43.52	ng		98
70)	Pentachlorophenol	17.260	266	140656	77.18	ng		97
71)	Phenanthrene	17.660	178	592169	42.04	ng		98
72)	Anthracene	17.748	178	603330	43.10	ng		98
73)	Carbazole	18.018	167	556669	39.90	ng		98
74)	Di-n-butylphthalate	18.553	149	699731	42.74	ng	#	97
75)	Fluoranthene	19.657	202	710857	41.05	ng		96
77)	Benzidine	19.828	184	572121	76.06	ng		97
78)	Pyrene	20.016	202	704901	42.81	ng		97
80)	Butylbenzylphthalate	20.885	149	312862	44.92	ng		97
81)	Benzo(a)anthracene	21.896	228	654734	42.64	ng		99
82)	3,3'-Dichlorobenzidine	21.802	252	227957	44.79	ng	#	95
83)	Chrysene	21.966	228	631169	43.70	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.767	149	454660	45.94	ng	#	97
85)	Di-n-octyl phthalate	23.047	149	771559	46.75	ng		97
87)	Indeno(1,2,3-cd)pyrene	29.252	276	731659	44.71	ng	#	88
88)	Benzo(b)fluoranthene	24.240	252	684195	47.55	ng	#	93
89)	Benzo(k)fluoranthene	24.311	252	634181	44.80	ng	#	97
90)	Benzo(a)pyrene	25.168	252	652634	53.35	ng	#	96
91)	Dibenzo(a,h)anthracene	29.322	278	611582	45.19	ng	#	93
92)	Benzo(g,h,i)perylene	30.480	276	606114	45.72	ng	#	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050631.D
Acq On : 19 Oct 2021 12:10
Operator : CG/JU
Sample : PB139947BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 19 13:36:13 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 :
PB139947BSD

Manual Integrations APPROVED
mohammad
10/20/2021 1:53:54 PM