Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056083.D
Acq On : 23 Dec 2022 17:52
Operator : CG/JU
Sample : N6190-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

Quant Time: Dec 24 00:08:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:09:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.355	152	9167	20.000	ng		0.00
21) Naphthalene-d8	11.187	136	33990	20.000	ng	#	0.00
39) Acenaphthene-d10	14.965	164	31786	20.000	ng		0.00
64) Phenanthrene-d10	17.703	188	93061	20.000	ng	#	0.00
76) Chrysene-d12	22.016	240	100522	20.000	ng	#	0.00
86) Perylene-d12	25.500	264	122485	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.876	112	51696	132.253	ng		0.00
7) Phenol-d6	7.486	99	64255	127.811	ng		0.00
23) Nitrobenzene-d5	9.530	82	41940	86.227	ng		0.00
42) 2,4,6-Tribromophenol	16.446	330	99675	130.047	ng		0.00
45) 2-Fluorobiphenyl	13.596	172	158232	69.816	ng		0.00
79) Terphenyl-d14	20.277	244	416015	73.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.690	88	5788	50.881	ng		93
3) Pyridine	4.107	79	15461	41.300	ng		96
4) n-Nitrosodimethylamine	4.019	42	14219	42.252	ng	#	85
6) Aniline	7.668	93	25716	42.723	ng		94
8) 2-Chlorophenol	7.915	128	24309	48.204	ng		96
9) Benzaldehyde	7.480	77	12898	40.851	ng		95
10) Phenol	7.515	94	27792	50.511	ng		95
11) bis(2-Chloroethyl)ether	7.756	93	16536	46.139	ng		97
12) 1,3-Dichlorobenzene	8.244	146	28348	43.455	ng		93
13) 1,4-Dichlorobenzene	8.391	146	29311	43.965	ng		99
14) 1,2-Dichlorobenzene	8.714	146	28131	44.152	ng		98
15) Benzyl Alcohol	8.585	79	23452	44.894	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.878	45	23645m	50.691	ng		
17) 2-Methylphenol	8.784	107	21461	49.574	ng		93
18) Hexachloroethane	9.454	117	9393	46.415	ng		92
19) n-Nitroso-di-n-propyla...	9.154	70	15568	43.202	ng	#	97
20) 3+4-Methylphenols	9.113	107	29558	47.846	ng		98
22) Acetophenone	9.184	105	36681	43.533	ng		98
24) Nitrobenzene	9.572	77	26856	54.855	ng		99
25) Isophorone	10.095	82	47754	46.821	ng		99
26) 2-Nitrophenol	10.288	139	15907	54.886	ng		93
27) 2,4-Dimethylphenol	10.330	122	26464m	54.370	ng		
28) bis(2-Chloroethoxy)met...	10.570	93	23348	51.796	ng	#	95
29) 2,4-Dichlorophenol	10.823	162	34473	49.899	ng		99
30) 1,2,4-Trichlorobenzene	11.046	180	38746	43.144	ng		98
31) Naphthalene	11.240	128	77671	43.307	ng		98
32) Benzoic acid	10.453	122	21842	51.854	ng		89
33) 4-Chloroaniline	11.334	127	20505	26.670	ng		97
34) Hexachlorobutadiene	11.516	225	32659	38.682	ng		95
35) Caprolactam	12.104	113	9080m	47.173	ng		
36) 4-Chloro-3-methylphenol	12.427	107	31907	49.254	ng		96
37) 2-Methylnaphthalene	12.821	142	67201	42.411	ng		98
38) 1-Methylnaphthalene	13.032	142	62369	40.404	ng		98
40) 1,2,4,5-Tetrachloroben...	13.179	216	59605	44.445	ng		99
41) Hexachlorocyclopentadiene	13.156	237	88238	115.977	ng		98
43) 2,4,6-Trichlorophenol	13.408	196	39999	50.385	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056083.D
Acq On : 23 Dec 2022 17:52
Operator : CG/JU
Sample : N6190-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

Quant Time: Dec 24 00:08:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:09:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	44819	50.083	ng		99
46) 1,1'-Biphenyl	13.808	154	99431	46.150	ng		98
47) 2-Chloronaphthalene	13.855	162	80234	45.831	ng		93
48) 2-Nitroaniline	14.043	65	21602	61.739	ng		89
49) Acenaphthylene	14.695	152	127647	45.680	ng		97
50) Dimethylphthalate	14.407	163	120291	43.773	ng		98
51) 2,6-Dinitrotoluene	14.525	165	25384	59.690	ng		91
52) Acenaphthene	15.030	154	103843	55.355	ng		95
53) 3-Nitroaniline	14.860	138	15088	34.881	ng	#	94
54) 2,4-Dinitrophenol	15.065	184	39841	126.020	ng	#	80
55) Dibenzofuran	15.359	168	142432	45.150	ng		98
56) 4-Nitrophenol	15.147	139	39021	112.572	ng		97
57) 2,4-Dinitrotoluene	15.312	165	37918	59.069	ng	#	91
58) Fluorene	16.005	166	113905	44.170	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.576	232	50140	49.044	ng		100
60) Diethylphthalate	15.758	149	113843	42.384	ng		98
61) 4-Chlorophenyl-phenyle...	15.988	204	79535	45.274	ng		99
62) 4-Nitroaniline	16.017	138	23452	49.785	ng		96
63) Azobenzene	16.281	77	74046	45.292	ng		97
65) 4,6-Dinitro-2-methylph...	16.070	198	27294	61.396	ng		85
66) n-Nitrosodiphenylamine	16.199	169	106856	43.817	ng		96
67) 4-Bromophenyl-phenylether	16.881	248	59422	43.576	ng		95
68) Hexachlorobenzene	17.010	284	72755	43.316	ng		98
69) Atrazine	17.139	200	54634	49.478	ng		96
70) Pentachlorophenol	17.345	266	94113	98.010	ng		95
71) Phenanthrene	17.750	178	212057	43.482	ng		99
72) Anthracene	17.838	178	213737	44.299	ng		98
73) Carbazole	18.103	167	175654	44.142	ng		98
74) Di-n-butylphthalate	18.632	149	194935	42.124	ng		99
75) Fluoranthene	19.736	202	283567	41.523	ng		99
77) Benzidine	19.901	184	138857	78.658	ng		98
78) Pyrene	20.095	202	283818	46.660	ng		99
80) Butylbenzylphthalate	20.964	149	84033	48.754	ng		99
81) Benzo(a)anthracene	21.992	228	318807	45.070	ng		99
82) 3,3'-Dichlorobenzidine	21.892	252	81978	32.212	ng		99
83) Chrysene	22.063	228	297347	44.853	ng		99
84) Bis(2-ethylhexyl)phtha...	21.863	149	120567	47.083	ng		99
85) Di-n-octyl phthalate	23.167	149	207172	47.694	ng		100
87) Indeno(1,2,3-cd)pyrene	29.519	276	418842	42.524	ng	#	99
88) Benzo(b)fluoranthene	24.384	252	359831	45.393	ng		99
89) Benzo(k)fluoranthene	24.460	252	337158	42.630	ng		98
90) Benzo(a)pyrene	25.341	252	311231	46.448	ng		99
91) Dibenzo(a,h)anthracene	29.601	278	348605	42.286	ng		97
92) Benzo(g,h,i)perylene	30.800	276	337917	42.395	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056083.D
Acq On : 23 Dec 2022 17:52
Operator : CG/JU
Sample : N6190-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 24 00:08:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:09:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022