Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061218.D
Acq On : 16 May 2024 12:56
Operator : MA/JU
Sample : PB160933BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 13:31:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160933BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.927	152	22127	20.000	ng		-0.03
21) Naphthalene-d8	10.723	136	91112	20.000	ng		-0.03
39) Acenaphthene-d10	14.560	164	77227	20.000	ng		-0.03
64) Phenanthrene-d10	17.310	188	188664	20.000	ng		-0.02
76) Chrysene-d12	21.570	240	186713	20.000	ng		#-0.02
86) Perylene-d12	24.689	264	214339	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.524	112	167404	153.864	ng		-0.02
7) Phenol-d6	7.116	99	228111	141.729	ng		-0.02
23) Nitrobenzene-d5	9.090	82	157486	85.685	ng		-0.03
42) 2,4,6-Tribromophenol	16.052	330	182185	118.024	ng		-0.02
45) 2-Fluorobiphenyl	13.179	172	432956	82.901	ng		-0.03
79) Terphenyl-d14	19.924	244	947153	84.367	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.438	88	13773	31.308	ng		87
3) Pyridine	3.820	79	39259	30.328	ng		95
4) n-Nitrosodimethylamine	3.743	42	48718	39.172	ng		96
6) Aniline	7.251	93	51170	32.070	ng		95
8) 2-Chlorophenol	7.498	128	63384	47.486	ng		98
9) Benzaldehyde	7.069	77	23200	24.438	ng		94
10) Phenol	7.139	94	77991	47.649	ng		96
11) bis(2-Chloroethyl)ether	7.351	93	50676	44.817	ng		97
12) 1,3-Dichlorobenzene	7.821	146	64743	41.144	ng		97
13) 1,4-Dichlorobenzene	7.962	146	67526	41.520	ng		97
14) 1,2-Dichlorobenzene	8.279	146	65900	41.999	ng		94
15) Benzyl Alcohol	8.168	79	64580	44.480	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.444	45	123316m	50.260	ng		
17) 2-Methylphenol	8.379	107	53487	45.856	ng		96
18) Hexachloroethane	9.008	117	25477	43.902	ng		91
19) n-Nitroso-di-n-propyla...	8.732	70	49380	40.996	ng		97
20) 3+4-Methylphenols	8.708	107	74158	44.067	ng		99
22) Acetophenone	8.749	105	98817	43.550	ng	#	95
24) Nitrobenzene	9.131	77	77687	43.207	ng		96
25) Isophorone	9.648	82	135652	39.927	ng		95
26) 2-Nitrophenol	9.836	139	36315	42.629	ng		92
27) 2,4-Dimethylphenol	9.907	122	47244	48.103	ng		98
28) bis(2-Chloroethoxy)met...	10.130	93	74506	44.683	ng	#	95
29) 2,4-Dichlorophenol	10.383	162	68670	44.624	ng		92
30) 1,2,4-Trichlorobenzene	10.588	180	76732	41.383	ng		97
31) Naphthalene	10.776	128	196042	41.401	ng		99
32) Benzoic acid	10.077	122	23745m	20.914	ng		
33) 4-Chloroaniline	10.882	127	53567	28.365	ng		96
34) Hexachlorobutadiene	11.058	225	62987	39.590	ng		95
35) Caprolactam	11.669	113	21070m	38.020	ng		
36) 4-Chloro-3-methylphenol	12.022	107	79786	42.997	ng		94
37) 2-Methylnaphthalene	12.386	142	143919	40.559	ng		99
38) 1-Methylnaphthalene	12.604	142	134658	37.695	ng		95
40) 1,2,4,5-Tetrachloroben...	12.750	216	111935	43.431	ng		99
41) Hexachlorocyclopentadiene	12.733	237	97041	98.356	ng		95
43) 2,4,6-Trichlorophenol	12.997	196	68808	41.585	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061218.D
Acq On : 16 May 2024 12:56
Operator : MA/JU
Sample : PB160933BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 13:31:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160933BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	76817	41.020	ng		94
46) 1,1'-Biphenyl	13.391	154	208220	42.050	ng		97
47) 2-Chloronaphthalene	13.438	162	164073	41.380	ng		100
48) 2-Nitroaniline	13.638	65	67373	45.790	ng		91
49) Acenaphthylene	14.284	152	277936	45.639	ng		99
50) Dimethylphthalate	14.020	163	248380	41.640	ng		99
51) 2,6-Dinitrotoluene	14.137	165	52072	40.813	ng		95
52) Acenaphthene	14.625	154	156124	41.096	ng		98
53) 3-Nitroaniline	14.466	138	36709	31.445	ng		98
54) 2,4-Dinitrophenol	14.683	184	62938	69.876	ng		99
55) Dibenzofuran	14.960	168	270612	42.172	ng		97
56) 4-Nitrophenol	14.801	139	68521	72.627	ng		98
57) 2,4-Dinitrotoluene	14.930	165	78159	41.406	ng		93
58) Fluorene	15.612	166	226863	40.856	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.195	232	75089	38.952	ng	#	97
60) Diethylphthalate	15.383	149	244049	40.572	ng		99
61) 4-Chlorophenyl-phenyle...	15.600	204	135847	40.744	ng		95
62) 4-Nitroaniline	15.635	138	51487	40.664	ng		93
63) Azobenzene	15.894	77	205710	43.932	ng		98
65) 4,6-Dinitro-2-methylph...	15.700	198	49784	42.530	ng		94
66) n-Nitrosodiphenylamine	15.817	169	211001	45.100	ng		96
67) 4-Bromophenyl-phenylether	16.493	248	100049	45.017	ng		95
68) Hexachlorobenzene	16.617	284	120407	43.528	ng		98
69) Atrazine	16.769	200	93659	48.542	ng		98
70) Pentachlorophenol	16.969	266	107126m	63.036	ng		
71) Phenanthrene	17.351	178	384567	44.580	ng		99
72) Anthracene	17.445	178	389315	45.228	ng		99
73) Carbazole	17.715	167	331881	43.851	ng		100
74) Di-n-butylphthalate	18.273	149	398614	44.293	ng		100
75) Fluoranthene	19.366	202	498534	42.184	ng		99
77) Benzidine	19.543	184	92997	27.445	ng		96
78) Pyrene	19.725	202	512541	43.178	ng		99
80) Butylbenzylphthalate	20.618	149	166829	44.399	ng		95
81) Benzo(a)anthracene	21.552	228	539024	44.117	ng		99
82) 3,3'-Dichlorobenzidine	21.464	252	138878	31.585	ng		97
83) Chrysene	21.617	228	507210	44.309	ng		99
84) Bis(2-ethylhexyl)phtha...	21.464	149	234436	47.779	ng		99
85) Di-n-octyl phthalate	22.639	149	399822	46.186	ng		99
87) Indeno(1,2,3-cd)pyrene	28.238	276	649282	45.709	ng		99
88) Benzo(b)fluoranthene	23.702	252	516012	43.082	ng		98
89) Benzo(k)fluoranthene	23.773	252	534058m	46.349	ng		
90) Benzo(a)pyrene	24.548	252	485375	46.515	ng		98
91) Dibenzo(a,h)anthracene	28.297	278	533451	45.348	ng	#	97
92) Benzo(g,h,i)perylene	29.349	276	499113	42.696	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061218.D
Acq On : 16 May 2024 12:56
Operator : MA/JU
Sample : PB160933BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 13:31:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160933BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024