Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061106.D
Acq On : 3 May 2024 14:47
Operator : MA/JU
Sample : P2331-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 03 15:35:38 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 :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	25525	20.000	ng		-0.03
21) Naphthalene-d8	10.731	136	105399	20.000	ng		#-0.03
39) Acenaphthene-d10	14.567	164	83182	20.000	ng		-0.02
64) Phenanthrene-d10	17.311	188	184634	20.000	ng		-0.02
76) Chrysene-d12	21.571	240	189575	20.000	ng		-0.02
86) Perylene-d12	24.697	264	177615	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	109690	87.397	ng		-0.02
7) Phenol-d6	7.112	99	156952	84.535	ng		-0.02
23) Nitrobenzene-d5	9.092	82	113363	53.318	ng		-0.03
42) 2,4,6-Tribromophenol	16.060	330	127042	76.409	ng		-0.02
45) 2-Fluorobiphenyl	13.187	172	316733	56.305	ng		-0.02
79) Terphenyl-d14	19.932	244	593354	52.055	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.433	88	13830	27.253	ng		97
3) Pyridine	3.821	79	40741	27.283	ng		98
4) n-Nitrosodimethylamine	3.739	42	46437	32.367	ng	#	95
6) Aniline	7.258	93	42921	23.319	ng	#	93
8) 2-Chlorophenol	7.505	128	67527	43.855	ng		97
9) Benzaldehyde	7.076	77	31686	29.894	ng		95
10) Phenol	7.141	94	83225	44.078	ng		98
11) bis(2-Chloroethyl)ether	7.358	93	54480	41.767	ng		94
12) 1,3-Dichlorobenzene	7.822	146	77592	42.745	ng		99
13) 1,4-Dichlorobenzene	7.969	146	78619	41.906	ng		98
14) 1,2-Dichlorobenzene	8.287	146	77267	42.688	ng		91
15) Benzyl Alcohol	8.169	79	68938	41.161	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.451	45	118447	41.849	ng		99
17) 2-Methylphenol	8.381	107	58445	43.436	ng		97
18) Hexachloroethane	9.015	117	28357	42.360	ng		91
19) n-Nitroso-di-n-propyla...	8.739	70	51620	37.151	ng		93
20) 3+4-Methylphenols	8.710	107	81599	42.034	ng		93
22) Acetophenone	8.751	105	114117	43.475	ng	#	99
24) Nitrobenzene	9.133	77	86496	41.585	ng		97
25) Isophorone	9.656	82	148286	37.729	ng		99
26) 2-Nitrophenol	9.844	139	40965	41.569	ng		98
27) 2,4-Dimethylphenol	9.908	122	53734	47.295	ng		96
28) bis(2-Chloroethoxy)met...	10.137	93	78802	40.853	ng		99
29) 2,4-Dichlorophenol	10.384	162	81898	46.006	ng		95
30) 1,2,4-Trichlorobenzene	10.596	180	95932	44.725	ng		99
31) Naphthalene	10.784	128	237923	43.434	ng		100
32) Benzoic acid	10.067	122	44974	34.243	ng		95
33) 4-Chloroaniline	10.889	127	46778	21.412	ng		98
34) Hexachlorobutadiene	11.066	225	78622	42.719	ng		99
35) Caprolactam	11.671	113	22043	34.384	ng		96
36) 4-Chloro-3-methylphenol	12.023	107	86602	40.344	ng		99
37) 2-Methylnaphthalene	12.394	142	170239	41.473	ng		99
38) 1-Methylnaphthalene	12.611	142	161842	39.164	ng		92
40) 1,2,4,5-Tetrachloroben...	12.758	216	141460	50.958	ng		98
41) Hexachlorocyclopentadiene	12.740	237	45727	43.029	ng		88
43) 2,4,6-Trichlorophenol	12.999	196	85417	47.927	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061106.D
Acq On : 3 May 2024 14:47
Operator : MA/JU
Sample : P2331-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 03 15:35:38 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 :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	90540	44.887	ng	97
46) 1,1'-Biphenyl	13.398	154	248227	46.541	ng	98
47) 2-Chloronaphthalene	13.439	162	192486	45.070	ng	97
48) 2-Nitroaniline	13.645	65	70110	44.239	ng	98
49) Acenaphthylene	14.285	152	319707	48.740	ng	98
50) Dimethylphthalate	14.021	163	264247	41.129	ng	98
51) 2,6-Dinitrotoluene	14.139	165	55067	40.070	ng	96
52) Acenaphthene	14.632	154	174122	42.552	ng	96
53) 3-Nitroaniline	14.468	138	39490	31.405	ng	99
54) 2,4-Dinitrophenol	14.679	184	20194	22.365	ng	96
55) Dibenzofuran	14.967	168	302090	43.707	ng	97
56) 4-Nitrophenol	14.797	139	77970	76.726	ng	95
57) 2,4-Dinitrotoluene	14.932	165	75973	37.366	ng	92
58) Fluorene	15.613	166	250895	41.950	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.196	232	86753	41.781	ng	99
60) Diethylphthalate	15.390	149	250369	38.643	ng	96
61) 4-Chlorophenyl-phenyle...	15.607	204	150494	41.906	ng	98
62) 4-Nitroaniline	15.631	138	54179	39.727	ng	89
63) Azobenzene	15.901	77	210062	41.649	ng	98
65) 4,6-Dinitro-2-methylph...	15.696	198	17829	15.563	ng	95
66) n-Nitrosodiphenylamine	15.825	169	221770	48.436	ng	97
67) 4-Bromophenyl-phenylether	16.501	248	107822	49.573	ng	93
68) Hexachlorobenzene	16.624	284	129090	47.685	ng	99
69) Atrazine	16.777	200	97683	51.733	ng	98
70) Pentachlorophenol	16.971	266	142216	85.511	ng	95
71) Phenanthrene	17.358	178	391580	46.383	ng	99
72) Anthracene	17.446	178	413013	49.029	ng	99
73) Carbazole	17.717	167	334351	45.142	ng	99
74) Di-n-butylphthalate	18.281	149	387652	44.015	ng	100
75) Fluoranthene	19.368	202	514681	44.501	ng	100
77) Benzidine	19.550	184	229581	62.730	ng	96
78) Pyrene	19.732	202	523375	43.425	ng	99
80) Butylbenzylphthalate	20.625	149	172560	45.230	ng	94
81) Benzo(a)anthracene	21.553	228	562162	45.316	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	155991	34.941	ng	98
83) Chrysene	21.618	228	528198	45.446	ng	98
84) Bis(2-ethylhexyl)phtha...	21.471	149	235398	47.251	ng	100
85) Di-n-octyl phthalate	22.652	149	412447	46.925	ng	100
87) Indeno(1,2,3-cd)pyrene	28.240	276	370680m	31.491	ng	
88) Benzo(b)fluoranthene	23.710	252	441925	44.526	ng	100
89) Benzo(k)fluoranthene	23.774	252	581214	60.870	ng	99
90) Benzo(a)pyrene	24.550	252	400119	46.273	ng	98
91) Dibenzo(a,h)anthracene	28.298	278	331616m	34.019	ng	
92) Benzo(g,h,i)perylene	29.333	276	250974m	25.908	ng	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061106.D
Acq On : 3 May 2024 14:47
Operator : MA/JU
Sample : P2331-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 03 15:35:38 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 :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024