Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060262.D
Acq On : 5 Jan 2024 3:07
Operator : MA/JU
Sample : 06045-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 05 04:04:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
01/05/2024
Supervised By :mohammad ahmed
01/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	197081	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	838391	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	672429	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1699211	20.000	ng	0.00
76) Chrysene-d12	21.591	240	1566089	20.000	ng	0.00
86) Perylene-d12	24.764	264	1739087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1712244	131.132	ng	0.00
7) Phenol-d6	7.102	99	2444123	126.068	ng	0.00
23) Nitrobenzene-d5	9.100	82	1666168	91.795	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	1351912	150.193	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	3932987	84.062	ng	0.00
79) Terphenyl-d14	19.946	244	5690683	69.858	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.418	88	191033	32.884	ng	# 90
3) Pyridine	3.818	79	486763	29.544	ng	95
4) n-Nitrosodimethylamine	3.724	42	225675	36.718	ng	# 88
6) Aniline	7.267	93	473441	24.373	ng	95
8) 2-Chlorophenol	7.502	128	572811	45.646	ng	98
9) Benzaldehyde	7.079	77	116678m	10.010	ng	
10) Phenol	7.131	94	870408	44.521	ng	95
11) bis(2-Chloroethyl)ether	7.355	93	631985	39.947	ng	97
12) 1,3-Dichlorobenzene	7.825	146	571763	36.909	ng	98
13) 1,4-Dichlorobenzene	7.972	146	589992	37.672	ng	100
14) 1,2-Dichlorobenzene	8.289	146	590742	38.584	ng	98
15) Benzyl Alcohol	8.171	79	629237	52.290	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.459	45	795054m	39.158	ng	
17) 2-Methylphenol	8.383	107	590837	48.264	ng	99
18) Hexachloroethane	9.017	117	196702	39.880	ng	94
19) n-Nitroso-di-n-propyla...	8.741	70	579510	43.755	ng	99
20) 3+4-Methylphenols	8.706	107	835846	48.175	ng	96
22) Acetophenone	8.759	105	1087719	43.789	ng	# 96
24) Nitrobenzene	9.141	77	807558	43.485	ng	98
25) Isophorone	9.658	82	1635258	43.061	ng	100
26) 2-Nitrophenol	9.852	139	325307	50.199	ng	96
27) 2,4-Dimethylphenol	9.910	122	537332	58.536	ng	95
28) bis(2-Chloroethoxy)met...	10.146	93	972556	43.726	ng	99
29) 2,4-Dichlorophenol	10.386	162	723288	49.856	ng	97
30) 1,2,4-Trichlorobenzene	10.604	180	719733	40.761	ng	98
31) Naphthalene	10.792	128	1847247	41.735	ng	99
32) Benzoic acid	10.046	122	405012	49.078	ng	94
33) 4-Chloroaniline	10.903	127	83023	4.803	ng	98
34) Hexachlorobutadiene	11.074	225	400808	38.166	ng	96
35) Caprolactam	11.673	113	222354m	46.076	ng	
36) 4-Chloro-3-methylphenol	12.026	107	764753	51.221	ng	99
37) 2-Methylnaphthalene	12.402	142	1416925	44.320	ng	98
38) 1-Methylnaphthalene	12.619	142	1419396	43.912	ng	98
40) 1,2,4,5-Tetrachloroben...	12.766	216	946663	43.951	ng	99
41) Hexachlorocyclopentadiene	12.748	237	899709	129.230	ng	98
43) 2,4,6-Trichlorophenol	13.007	196	674503	47.654	ng	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060262.D
Acq On : 5 Jan 2024 3:07
Operator : MA/JU
Sample : 06045-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
01/05/2024

Supervised By :mohammad ahmed
01/05/2024

Quant Time: Jan 05 04:04:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.083	196	770240	48.644	ng		99
46) 1,1'-Biphenyl	13.406	154	2222262	44.919	ng		99
47) 2-Chloronaphthalene	13.453	162	1823565	43.264	ng		99
48) 2-Nitroaniline	13.659	65	593028	53.837	ng		98
49) Acenaphthylene	14.299	152	2957926	48.705	ng		98
50) Dimethylphthalate	14.029	163	2378013	45.804	ng		99
51) 2,6-Dinitrotoluene	14.147	165	543853	50.364	ng		97
52) Acenaphthene	14.640	154	1697289	44.786	ng		100
53) 3-Nitroaniline	14.482	138	185519	18.233	ng	#	87
54) 2,4-Dinitrophenol	14.687	184	680042	105.245	ng		98
55) Dibenzofuran	14.975	168	2907837	45.807	ng		99
56) 4-Nitrophenol	14.793	139	818565	106.429	ng		97
57) 2,4-Dinitrotoluene	14.940	165	759184	51.703	ng	#	99
58) Fluorene	15.621	166	2429318	46.659	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	699275	50.668	ng		99
60) Diethylphthalate	15.392	149	2291739	46.289	ng		98
61) 4-Chlorophenyl-phenyle...	15.616	204	1224948	45.184	ng		98
62) 4-Nitroaniline	15.651	138	529101	49.337	ng		98
63) Azobenzene	15.909	77	2329853	45.390	ng		97
65) 4,6-Dinitro-2-methylph...	15.704	198	442711	52.069	ng		98
66) n-Nitrosodiphenylamine	15.833	169	2162163	47.221	ng		99
67) 4-Bromophenyl-phenylether	16.515	248	796708	44.224	ng		100
68) Hexachlorobenzene	16.626	284	930602	44.058	ng		98
69) Atrazine	16.779	200	860075	51.107	ng		99
70) Pentachlorophenol	16.973	266	1181702	101.840	ng		97
71) Phenanthrene	17.366	178	3802521	45.273	ng		97
72) Anthracene	17.460	178	3856668	46.227	ng		96
73) Carbazole	17.731	167	3592636	45.403	ng		96
74) Di-n-butylphthalate	18.283	149	3710693	48.391	ng		97
75) Fluoranthene	19.382	202	4328313	43.934	ng		95
77) Benzidine	19.564	184	701744	16.190	ng		99
78) Pyrene	19.746	202	4506485	42.807	ng		95
80) Butylbenzylphthalate	20.633	149	1792660	57.751	ng		98
81) Benzo(a)anthracene	21.573	228	4508238	45.276	ng		95
82) 3,3'-Dichlorobenzidine	21.491	252	923007	25.491	ng		100
83) Chrysene	21.638	228	4299601	44.446	ng		93
84) Bis(2-ethylhexyl)phtha...	21.479	149	2615320	55.558	ng		99
85) Di-n-octyl phthalate	22.672	149	4347630	56.422	ng		99
87) Indeno(1,2,3-cd)pyrene	28.383	276	5928101	48.349	ng	#	93
88) Benzo(b)fluoranthene	23.759	252	4741647	45.371	ng		98
89) Benzo(k)fluoranthene	23.829	252	4792981	45.566	ng		99
90) Benzo(a)pyrene	24.617	252	4375586	46.277	ng		99
91) Dibenzo(a,h)anthracene	28.453	278	4904549	48.684	ng		98
92) Benzo(g,h,i)perylene	29.523	276	4747928	46.529	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060262.D
Acq On : 5 Jan 2024 3:07
Operator : MA/JU
Sample : 06045-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 05 04:04:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
01/05/2024

Supervised By :mohammad ahmed
01/05/2024