Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057476.D
Acq On : 19 May 2023 20:55
Operator : CG/JU
Sample : 02848-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 04:30:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP5MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.356	152	18326	20.000	ng		0.00
21) Naphthalene-d8	11.193	136	69681	20.000	ng		0.00
39) Acenaphthene-d10	14.970	164	53749	20.000	ng		0.00
64) Phenanthrene-d10	17.708	188	136746	20.000	ng		0.00
76) Chrysene-d12	22.014	240	123378	20.000	ng		0.00
86) Perylene-d12	25.509	264	134650	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.871	112	89899	83.915	ng		0.00
7) Phenol-d6	7.498	99	132973	81.737	ng		0.00
23) Nitrobenzene-d5	9.531	82	81677	49.196	ng		0.00
42) 2,4,6-Tribromophenol	16.451	330	65664	86.101	ng		0.00
45) 2-Fluorobiphenyl	13.596	172	204613	51.270	ng		0.00
79) Terphenyl-d14	20.275	244	351513	46.495	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.668	88	18144	40.961	ng		99
3) Pyridine	4.091	79	48944	34.382	ng		96
4) n-Nitrosodimethylamine	4.003	42	27200	40.659	ng		91
6) Aniline	7.668	93	68948	33.409	ng		95
8) 2-Chlorophenol	7.915	128	58358	51.552	ng		98
9) Benzaldehyde	7.480	77	42298	50.935	ng		96
10) Phenol	7.521	94	80647	50.854	ng		98
11) bis(2-Chloroethyl)ether	7.751	93	52924	44.257	ng		95
12) 1,3-Dichlorobenzene	8.244	146	63143	50.538	ng		97
13) 1,4-Dichlorobenzene	8.391	146	64411	51.324	ng		95
14) 1,2-Dichlorobenzene	8.714	146	61453	50.723	ng		96
15) Benzyl Alcohol	8.591	79	62917	46.424	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.867	45	63138m	41.890	ng		
17) 2-Methylphenol	8.796	107	54571	47.736	ng		97
18) Hexachloroethane	9.448	117	21965	48.499	ng		99
19) n-Nitroso-di-n-propyla...	9.155	70	50440	40.662	ng		100
20) 3+4-Methylphenols	9.119	107	74848	47.816	ng		93
22) Acetophenone	9.184	105	93079	46.671	ng	#	97
24) Nitrobenzene	9.578	77	74145	44.247	ng		94
25) Isophorone	10.094	82	135031	41.944	ng		99
26) 2-Nitrophenol	10.294	139	33263	51.859	ng		95
27) 2,4-Dimethylphenol	10.335	122	59862	53.299	ng		96
28) bis(2-Chloroethoxy)met...	10.570	93	72987	45.254	ng		100
29) 2,4-Dichlorophenol	10.835	162	65998	55.403	ng		99
30) 1,2,4-Trichlorobenzene	11.052	180	67390	49.048	ng		95
31) Naphthalene	11.246	128	177130	47.549	ng		99
32) Benzoic acid	10.494	122	37567m	57.022	ng		
33) 4-Chloroaniline	11.346	127	43796	26.179	ng		94
34) Hexachlorobutadiene	11.516	225	48088	47.168	ng		95
35) Caprolactam	12.121	113	20829m	51.188	ng		
36) 4-Chloro-3-methylphenol	12.444	107	71458	52.786	ng		98
37) 2-Methylnaphthalene	12.820	142	136298	46.535	ng		96
38) 1-Methylnaphthalene	13.038	142	128036	46.378	ng		98
40) 1,2,4,5-Tetrachloroben...	13.184	216	96101	50.364	ng		99
41) Hexachlorocyclopentadiene	13.155	237	74232	80.861	ng		99
43) 2,4,6-Trichlorophenol	13.419	196	62897	54.105	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057476.D
Acq On : 19 May 2023 20:55
Operator : CG/JU
Sample : 02848-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 04:30:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP5MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.496	196	66907	48.929	ng		98
46) 1,1'-Biphenyl	13.807	154	197527	49.526	ng		98
47) 2-Chloronaphthalene	13.860	162	148643	50.118	ng		99
48) 2-Nitroaniline	14.054	65	48570	48.163	ng		99
49) Acenaphthylene	14.700	152	233535	48.467	ng		100
50) Dimethylphthalate	14.412	163	197992	44.827	ng		98
51) 2,6-Dinitrotoluene	14.536	165	44684	49.549	ng		87
52) Acenaphthene	15.035	154	143843	47.774	ng		98
53) 3-Nitroaniline	14.870	138	28993	32.091	ng		94
54) 2,4-Dinitrophenol	15.088	184	53740	95.229	ng		97
55) Dibenzofuran	15.364	168	240109	47.463	ng		98
56) 4-Nitrophenol	15.182	139	63467	105.624	ng		90
57) 2,4-Dinitrotoluene	15.329	165	63841	49.534	ng	#	94
58) Fluorene	16.010	166	199355	47.841	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.593	232	63696	51.378	ng		99
60) Diethylphthalate	15.752	149	200707	44.746	ng		99
61) 4-Chlorophenyl-phenyle...	15.986	204	117357	46.750	ng		96
62) 4-Nitroaniline	16.033	138	43144	47.337	ng		90
63) Azobenzene	16.280	77	195771	45.235	ng		98
65) 4,6-Dinitro-2-methylph...	16.092	198	43173	52.881	ng		98
66) n-Nitrosodiphenylamine	16.204	169	174062	46.866	ng		99
67) 4-Bromophenyl-phenylether	16.885	248	78702	47.146	ng		100
68) Hexachlorobenzene	17.015	284	83178	51.275	ng		95
69) Atrazine	17.138	200	78328	55.286	ng		99
70) Pentachlorophenol	17.361	266	85519	91.474	ng		98
71) Phenanthrene	17.755	178	329017	46.955	ng		99
72) Anthracene	17.843	178	332358	46.226	ng		99
73) Carbazole	18.107	167	291460	48.152	ng		98
74) Di-n-butylphthalate	18.624	149	326353	46.861	ng		99
75) Fluoranthene	19.740	202	403229	46.268	ng		99
77) Benzidine	19.905	184	174138	63.133	ng		100
78) Pyrene	20.104	202	407316	45.432	ng		99
80) Butylbenzylphthalate	20.950	149	141943	49.898	ng		99
81) Benzo(a)anthracene	21.996	228	411807	46.848	ng		99
82) 3,3'-Dichlorobenzidine	21.890	252	106150	37.701	ng		99
83) Chrysene	22.066	228	376897	45.571	ng		99
84) Bis(2-ethylhexyl)phtha...	21.837	149	205397	48.801	ng		99
85) Di-n-octyl phthalate	23.130	149	349286	49.779	ng		96
87) Indeno(1,2,3-cd)pyrene	29.556	276	466483	47.535	ng		99
88) Benzo(b)fluoranthene	24.393	252	421551	47.893	ng		98
89) Benzo(k)fluoranthene	24.463	252	404082	45.177	ng		98
90) Benzo(a)pyrene	25.344	252	371227	43.170	ng		98
91) Dibenzo(a,h)anthracene	29.609	278	386640	47.309	ng		99
92) Benzo(g,h,i)perylene	30.825	276	378882	47.479	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057476.D
Acq On : 19 May 2023 20:55
Operator : CG/JU
Sample : 02848-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 04:30:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP5MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023