Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051723\
Data File : BG057447.D
Acq On : 17 May 2023 15:46
Operator : CG/JU
Sample : 02213-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 01:57:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2023

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.361	152	16797	20.000	ng		0.00
21) Naphthalene-d8	11.198	136	67516	20.000	ng		0.00
39) Acenaphthene-d10	14.975	164	56048	20.000	ng		0.00
64) Phenanthrene-d10	17.719	188	141481	20.000	ng		0.00
76) Chrysene-d12	22.025	240	128876	20.000	ng		0.00
86) Perylene-d12	25.532	264	137939	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.876	112	96819	98.601	ng		0.00
7) Phenol-d6	7.497	99	145095	97.307	ng		0.00
23) Nitrobenzene-d5	9.536	82	109077	67.807	ng		0.00
42) 2,4,6-Tribromophenol	16.462	330	83183	104.598	ng		0.00
45) 2-Fluorobiphenyl	13.601	172	295592	71.029	ng		0.00
79) Terphenyl-d14	20.286	244	544200	68.911	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.679	88	3514	8.655	ng		98
3) Pyridine	4.108	79	9379	7.188	ng		95
4) n-Nitrosodimethylamine	4.014	42	4511	7.357	ng		88
6) Aniline	7.673	93	15052	7.957	ng		98
8) 2-Chlorophenol	7.920	128	8921	8.598	ng		96
9) Benzaldehyde	7.486	77	15221	14.861	ng		96
10) Phenol	7.527	94	11974	8.238	ng		95
11) bis(2-Chloroethyl)ether	7.756	93	9654	8.808	ng		89
12) 1,3-Dichlorobenzene	8.249	146	10355	9.042	ng		97
13) 1,4-Dichlorobenzene	8.396	146	10564	9.184	ng		95
14) 1,2-Dichlorobenzene	8.719	146	10025	9.028	ng		89
15) Benzyl Alcohol	8.596	79	8797	7.082	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.884	45	10795	7.814	ng		98
17) 2-Methylphenol	8.796	107	8301	7.922	ng		95
18) Hexachloroethane	9.459	117	3561	8.578	ng	#	85
19) n-Nitroso-di-n-propyla...	9.154	70	8602	7.566	ng	#	97
20) 3+4-Methylphenols	9.124	107	11397	7.944	ng		92
22) Acetophenone	9.189	105	16119	8.341	ng	#	96
24) Nitrobenzene	9.583	77	13184	8.120	ng		99
25) Isophorone	10.100	82	23280	7.463	ng		97
26) 2-Nitrophenol	10.305	139	5800	9.332	ng		90
27) 2,4-Dimethylphenol	10.340	122	9428	8.664	ng		89
28) bis(2-Chloroethoxy)met...	10.575	93	12570	8.044	ng		92
29) 2,4-Dichlorophenol	10.846	162	10032	8.692	ng		92
30) 1,2,4-Trichlorobenzene	11.057	180	12241	9.195	ng		100
31) Naphthalene	11.251	128	31948	8.851	ng		98
32) Benzoic acid	10.476	122	4702m	11.473	ng		
33) 4-Chloroaniline	11.357	127	13178	8.130	ng	#	90
34) Hexachlorobutadiene	11.521	225	8696	8.803	ng		95
35) Caprolactam	12.097	113	3285	8.332	ng	#	86
36) 4-Chloro-3-methylphenol	12.449	107	11876	9.054	ng		96
37) 2-Methylnaphthalene	12.831	142	24030	8.467	ng		98
38) 1-Methylnaphthalene	13.043	142	22453	8.394	ng		99
40) 1,2,4,5-Tetrachloroben...	13.190	216	17455	8.772	ng		99
41) Hexachlorocyclopentadiene	13.160	237	2679	8.876	ng		92
43) 2,4,6-Trichlorophenol	13.425	196	9834	8.112	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051723\
Data File : BG057447.D
Acq On : 17 May 2023 15:46
Operator : CG/JU
Sample : 02213-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 01:57:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2023

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/18/2023
Supervised By :Jagrut Upadhyay
05/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.513	196	11437	8.021	ng		94
46) 1,1'-Biphenyl	13.812	154	35802	8.608	ng		96
47) 2-Chloronaphthalene	13.865	162	27681	8.950	ng		95
48) 2-Nitroaniline	14.059	65	7768	7.387	ng		97
49) Acenaphthylene	14.705	152	41618	8.283	ng		99
50) Dimethylphthalate	14.411	163	36536	7.933	ng	#	95
51) 2,6-Dinitrotoluene	14.541	165	7647	8.132	ng		92
52) Acenaphthene	15.040	154	26638	8.484	ng		97
53) 3-Nitroaniline	14.881	138	6954	7.381	ng	#	94
54) 2,4-Dinitrophenol	15.105	184	1603	7.500	ng	#	82
55) Dibenzofuran	15.369	168	45304	8.588	ng		98
56) 4-Nitrophenol	15.193	139	4296	6.856	ng	#	78
57) 2,4-Dinitrotoluene	15.334	165	11025	8.203	ng	#	90
58) Fluorene	16.015	166	37198	8.561	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.598	232	10420	8.060	ng	#	99
60) Diethylphthalate	15.757	149	36701	7.847	ng		97
61) 4-Chlorophenyl-phenyle...	15.998	204	20865	7.971	ng		96
62) 4-Nitroaniline	16.033	138	7249	7.627	ng	#	85
63) Azobenzene	16.291	77	34133	7.563	ng		94
65) 4,6-Dinitro-2-methylph...	16.103	198	6943	8.220	ng		95
66) n-Nitrosodiphenylamine	16.209	169	31552	8.211	ng		100
67) 4-Bromophenyl-phenylether	16.890	248	14553	8.426	ng		99
68) Hexachlorobenzene	17.026	284	15749	9.383	ng	#	92
69) Atrazine	17.137	200	13457	9.180	ng		99
70) Pentachlorophenol	17.372	266	8739	9.035	ng		94
71) Phenanthrene	17.760	178	62161	8.574	ng		98
72) Anthracene	17.848	178	62871	8.452	ng		97
73) Carbazole	18.118	167	52884	8.445	ng		100
74) Di-n-butylphthalate	18.635	149	58317	8.094	ng		98
75) Fluoranthene	19.751	202	75095	8.328	ng		99
77) Benzidine	19.916	184	35087	12.178	ng		100
78) Pyrene	20.110	202	76318	8.149	ng		98
80) Butylbenzylphthalate	20.961	149	24491	8.242	ng		93
81) Benzo(a)anthracene	22.007	228	76824	8.367	ng		99
82) 3,3'-Dichlorobenzidine	21.901	252	30155	10.253	ng		100
83) Chrysene	22.078	228	71275	8.250	ng		99
84) Bis(2-ethylhexyl)phtha...	21.848	149	35099	7.984	ng		98
85) Di-n-octyl phthalate	23.147	149	60030	8.190	ng		98
87) Indeno(1,2,3-cd)pyrene	29.585	276	83537	8.310	ng	#	96
88) Benzo(b)fluoranthene	24.404	252	75463	8.369	ng		99
89) Benzo(k)fluoranthene	24.480	252	74225m	8.101	ng		
90) Benzo(a)pyrene	25.361	252	65200	7.401	ng		97
91) Dibenzo(a,h)anthracene	29.626	278	68888	8.228	ng		98
92) Benzo(g,h,i)perylene	30.854	276	67040	8.201	ng		95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051723\
Data File : BG057447.D
Acq On : 17 May 2023 15:46
Operator : CG/JU
Sample : 02213-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 01:57:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
05/18/2023

Supervised By :Jagrut Upadhyay
05/18/2023