Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058924.D
Acq On : 8 Sep 2023 19:22
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 09 03:51:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020548

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	55308	20.000	ng/ul	0.00
20) Naphthalene-d8	11.175	136	249140	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.959	164	217471	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.709	188	578039	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.033	240	505885	20.000	ng/ul	0.00
88) Perylene-d12	25.611	264	591062	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	9545	8.278	ng/uL	0.00
4) Pyridine-d5	4.072	84	78962	19.944	ng/ul	0.00
7) Phenol-d5	7.439	99	103330	18.836	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.650	67	62160	20.030	ng/ul	0.00
11) 2-Chlorophenol-d4	7.844	132	66557	20.340	ng/ul	0.00
15) 4-Methylphenol-d8	9.013	113	81956	19.277	ng/ul	0.00
21) Nitrobenzene-d5	9.524	128	35129	23.938	ng/ul	0.00
24) 2-Nitrophenol-d4	10.247	143	37256	23.175	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.770	165	97852	20.980	ng/ul	0.00
31) 4-Chloroaniline-d4	11.316	131	117466	19.634	ng/ul	0.00
46) Dimethylphthalate-d6	14.354	166	343915	20.486	ng/ul	0.00
49) Acenaphthylene-d8	14.660	160	382085	21.057	ng/ul	0.00
54) 4-Nitrophenol-d4	15.124	143	46710	21.060	ng/ul	0.00
60) Fluorene-d10	15.946	176	319280	20.179	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.046	200	55896	21.240	ng/ul	0.00
73) Anthracene-d10	17.803	188	539522	20.518	ng/ul	0.00
81) Pyrene-d10	20.077	212	559026	19.054	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.359	264	609015	20.917	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	10184	7.252	ng/uL	96
5) Pyridine	4.096	79	81402	19.531	ng/ul#	88
6) Benzaldehyde	7.474	77	69689	21.552	ng/ul	92
8) Phenol	7.468	94	108039	18.886	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.750	93	85021	20.039	ng/ul	90
12) 2-Chlorophenol	7.879	128	65835	19.955	ng/ul#	93
13) 2-Methylphenol	8.749	108	81461	19.018	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.855	45	95919m	19.644	ng/ul	
16) Acetophenone	9.178	105	150662	19.874	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.143	70	82905	20.910	ng/ul#	97
18) 4-Methylphenol	9.078	108	93159	19.875	ng/ul	99
19) Hexachloroethane	9.419	117	26634	19.779	ng/ul	93
22) Nitrobenzene	9.571	77	109689	21.855	ng/ul	97
23) Isophorone	10.083	82	240714	19.223	ng/ul	99
25) 2-Nitrophenol	10.282	139	40835	23.549	ng/ul#	82
26) 2,4-Dimethylphenol	10.300	107	107268	19.897	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.564	93	124176	19.149	ng/ul#	87
29) 2,4-Dichlorophenol	10.799	162	89651	20.279	ng/ul	96
30) Naphthalene	11.228	128	257837	19.158	ng/ul	95
32) 4-Chloroaniline	11.346	127	113312	19.969	ng/ul	94
33) Hexachlorobutadiene	11.463	225	82263	19.000	ng/ul	95
34) Caprolactam	12.121	113	29354m	20.072	ng/ul	
35) 4-Chloro-3-methylphenol	12.403	107	101571	19.555	ng/ul	95
36) 2-Methylnaphthalene	12.809	142	197244	19.360	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058924.D
Acq On : 8 Sep 2023 19:22
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 09 03:51:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020548

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.020	142	208941	20.050	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	13.150	216	168386	20.751	ng/ul	95
40) Hexachlorocyclopentadiene	13.103	237	103025	17.641	ng/ul	99
41) 2,4,6-Trichlorophenol	13.385	196	103652	21.982	ng/ul	98
42) 2,4,5-Trichlorophenol	13.449	196	113707	22.491	ng/ul	97
43) 1,1'-Biphenyl	13.796	154	306931	20.743	ng/ul	95
44) 2-Chloronaphthalene	13.849	162	240006	20.337	ng/ul	97
45) 2-Nitroaniline	14.054	65	67516	25.874	ng/ul	91
47) Dimethylphthalate	14.401	163	351761	20.609	ng/ul	99
48) 2,6-Dinitrotoluene	14.542	165	59120	24.404	ng/ul	98
50) Acenaphthylene	14.689	152	416185	20.553	ng/ul	96
51) 3-Nitroaniline	14.877	138	54140	22.178	ng/ul	96
52) Acenaphthene	15.024	153	266567	20.219	ng/ul	96
53) 2,4-Dinitrophenol	15.071	184	37265	18.184	ng/ul	92
55) 4-Nitrophenol	15.136	109	61317	22.104	ng/ul	91
56) Dibenzofuran	15.353	168	398392	20.242	ng/ul	98
57) 2,4-Dinitrotoluene	15.312	165	81723	23.385	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.559	232	117438	21.986	ng/ul#	99
59) Diethylphthalate	15.752	149	310924	20.269	ng/ul	97
61) Fluorene	15.999	166	337731	20.213	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.987	204	204964	20.448	ng/ul	90
63) 4-Nitroaniline	16.034	138	51328	22.597	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	16.064	198	59758	21.629	ng/ul#	91
67) N-Nitrosodiphenylamine	16.205	169	297075	20.898	ng/ul	96
68) 4-Bromophenyl-phenylether	16.886	248	149078	21.239	ng/ul	93
69) Hexachlorobenzene	16.975	284	163409	20.175	ng/ul	95
70) Atrazine	17.139	200	120850	21.175	ng/ul	97
71) Pentachlorophenol	17.321	266	97334	19.566	ng/ul#	87
72) Phenanthrene	17.750	178	574781	20.482	ng/ul	98
74) Anthracene	17.844	178	598567	20.892	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.755	216	180910	21.553	ng/uL#	93
76) Pentachlorobenzene	15.247	250	176091	20.816	ng/uL	100
77) Carbazole	18.114	167	454567	20.903	ng/ul	100
78) Di-n-butylphthalate	18.631	149	411599	21.054	ng/ul	97
80) Fluoranthene	19.742	202	672701	18.866	ng/ul	99
82) Pyrene	20.106	202	675249	18.906	ng/ul#	98
83) Butylbenzylphthalate	20.976	149	153097	24.722	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.922	252	250297	22.652	ng/ul	99
85) Benzo(a)anthracene	22.010	228	704077	20.442	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.869	149	229258	23.732	ng/ul	97
87) Chrysene	22.086	228	663613	20.568	ng/ul	96
89) Di-n-octyl phthalate	23.220	149	394785	21.388	ng/ul	100
90) Benzo(b)fluoranthene	24.448	252	725787	20.390	ng/ul	99
91) Benzo(k)fluoranthene	24.530	252	731955	20.437	ng/ul	94
93) Benzo(a)pyrene	25.441	252	683217	20.514	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.760	276	867362m	20.889	ng/ul	
95) Dibenzo(a,h)anthracene	29.842	278	726994m	21.531	ng/ul	
96) Benzo(g,h,i)perylene	31.058	276	680940m	20.656	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058924.D
Acq On : 8 Sep 2023 19:22
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 09 03:51:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020548

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023