Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
Data File : BG059069.D
Acq On : 15 Sep 2023 13:32
Operator : MA/JU
Sample : SSTD01020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010422

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023

Quant Time: Sep 16 00:24:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 00:10:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	42220	20.000	ng/ul	0.00
20) Naphthalene-d8	11.144	136	208091	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.928	164	145655	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.677	188	337897	20.000	ng/ul	0.00
79) Chrysene-d12	22.002	240	308507	20.000	ng/ul	0.00
88) Perylene-d12	25.556	264	349670	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	3381	3.516	ng/uL	0.00
4) Pyridine-d5	4.040	84	30741	10.971	ng/ul	0.00
7) Phenol-d5	7.407	99	35912	8.201	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.613	67	23654	9.380	ng/ul	0.00
11) 2-Chlorophenol-d4	7.807	132	29557	10.068	ng/ul	0.00
15) 4-Methylphenol-d8	8.976	113	30326	8.606	ng/ul	0.00
21) Nitrobenzene-d5	9.493	128	15335	9.627	ng/ul	0.00
24) 2-Nitrophenol-d4	10.216	143	14869	7.927	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.733	165	30722	8.446	ng/ul	0.00
31) 4-Chloroaniline-d4	11.285	131	48698	9.788	ng/ul	0.00
46) Dimethylphthalate-d6	14.323	166	105227	8.978	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	112796	8.956	ng/ul	0.00
54) 4-Nitrophenol-d4	15.098	143	20424	10.017	ng/ul	0.00
60) Fluorene-d10	15.915	176	92982	8.838	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.026	200	16190	8.204	ng/ul	0.00
73) Anthracene-d10	17.777	188	146246	9.521	ng/ul	0.00
81) Pyrene-d10	20.051	212	166870	9.714	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.298	264	165718	9.544	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	6123m	4.898	ng/uL	
5) Pyridine	4.064	79	32015	11.012	ng/ul#	92
6) Benzaldehyde	7.442	77	22769	9.446	ng/ul	89
8) Phenol	7.436	94	39674	8.458	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.713	93	31329	9.572	ng/ul	86
12) 2-Chlorophenol	7.842	128	29682	9.896	ng/ul	94
13) 2-Methylphenol	8.717	108	31273	8.596	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.805	45	64888m	14.205	ng/ul	
16) Acetophenone	9.140	105	52370	8.852	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.099	70	24792	7.996	ng/ul#	94
18) 4-Methylphenol	9.046	108	34230	8.534	ng/ul	100
19) Hexachloroethane	9.387	117	11743	9.350	ng/ul	93
22) Nitrobenzene	9.540	77	36352	8.049	ng/ul	94
23) Isophorone	10.045	82	78936	7.972	ng/ul#	98
25) 2-Nitrophenol	10.251	139	17504	9.215	ng/ul	97
26) 2,4-Dimethylphenol	10.268	107	35983	8.153	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.527	93	45615	9.164	ng/ul	96
29) 2,4-Dichlorophenol	10.762	162	30623	9.159	ng/ul	96
30) Naphthalene	11.197	128	108273	9.996	ng/ul	97
32) 4-Chloroaniline	11.308	127	44752	9.339	ng/ul	98
33) Hexachlorobutadiene	11.420	225	17562	6.999	ng/ul	87
34) Caprolactam	12.078	113	11988m	9.162	ng/ul	
35) 4-Chloro-3-methylphenol	12.378	107	37810	8.538	ng/ul	94
36) 2-Methylnaphthalene	12.777	142	71356	8.924	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
Data File : BG059069.D
Acq On : 15 Sep 2023 13:32
Operator : MA/JU
Sample : SSTD01020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 16 00:24:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 00:10:16 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010422

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.995	142	75577	9.185	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.118	216	35337	7.856	ng/ul	90
40) Hexachlorocyclopentadiene	13.071	237	19620	6.229	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.359	196	26110	8.441	ng/ul	100
42) 2,4,5-Trichlorophenol	13.424	196	29138	8.799	ng/ul	98
43) 1,1'-Biphenyl	13.764	154	98216	9.262	ng/ul	95
44) 2-Chloronaphthalene	13.817	162	78859	9.512	ng/ul	99
45) 2-Nitroaniline	14.029	65	28040	9.660	ng/ul	91
47) Dimethylphthalate	14.370	163	107543	9.511	ng/ul#	98
48) 2,6-Dinitrotoluene	14.511	165	20468	8.658	ng/ul	97
50) Acenaphthylene	14.657	152	135450	9.739	ng/ul	97
51) 3-Nitroaniline	14.845	138	22441	10.397	ng/ul	96
52) Acenaphthene	14.992	153	89646	9.632	ng/ul	99
53) 2,4-Dinitrophenol	15.039	184	8758	6.160	ng/ul#	84
55) 4-Nitrophenol	15.110	109	15293	6.477	ng/ul	92
56) Dibenzofuran	15.321	168	128801	9.417	ng/ul	94
57) 2,4-Dinitrotoluene	15.286	165	30362	9.020	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.533	232	26310	7.932	ng/ul#	98
59) Diethylphthalate	15.715	149	109150	9.478	ng/ul	99
61) Fluorene	15.974	166	109944	9.519	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.956	204	48833	7.963	ng/ul	94
63) 4-Nitroaniline	16.009	138	20984	10.352	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.032	198	16809	7.881	ng/ul#	85
67) N-Nitrosodiphenylamine	16.173	169	94589	10.642	ng/ul	93
68) 4-Bromophenyl-phenylether	16.855	248	31403	8.268	ng/ul	95
69) Hexachlorobenzene	16.943	284	35404	8.476	ng/ul	93
70) Atrazine	17.107	200	36405	9.931	ng/ul	96
71) Pentachlorophenol	17.296	266	20660m	7.741	ng/ul	
72) Phenanthrene	17.719	178	180581	10.484	ng/ul	97
74) Anthracene	17.813	178	188955	10.618	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.723	216	37787	8.672	ng/uL	92
76) Pentachlorobenzene	15.216	250	36274	8.087	ng/uL	92
77) Carbazole	18.089	167	173255	11.662	ng/ul	99
78) Di-n-butylphthalate	18.600	149	204905	11.365	ng/ul	98
80) Fluoranthene	19.716	202	206600	10.711	ng/ul	99
82) Pyrene	20.080	202	220051	10.572	ng/ul	96
83) Butylbenzylphthalate	20.938	149	86606	11.351	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.890	252	76441	10.831	ng/ul	94
85) Benzo(a)anthracene	21.978	228	213696	10.101	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.820	149	133801	11.924	ng/ul#	95
87) Chrysene	22.055	228	192730	9.914	ng/ul	98
89) Di-n-octyl phthalate	23.147	149	228815	12.459	ng/ul	100
90) Benzo(b)fluoranthene	24.405	252	211487	10.249	ng/ul	98
91) Benzo(k)fluoranthene	24.481	252	208819	9.848	ng/ul	99
93) Benzo(a)pyrene	25.380	252	194629	9.974	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.652	276	218251m	9.186	ng/ul	
95) Dibenzo(a,h)anthracene	29.746	278	172353	9.074	ng/ul	99
96) Benzo(g,h,i)perylene	30.962	276	180396	9.437	ng/ul	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
Data File : BG059069.D
Acq On : 15 Sep 2023 13:32
Operator : MA/JU
Sample : SSTD01020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 16 00:24:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 00:10:16 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010422

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023