Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100423\
Data File : BG059280.D
Acq On : 4 Oct 2023 14:17
Operator : MA/JU
Sample : 04497-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 23:31:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBBN2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	51997	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	241968	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.863	164	108287	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.613	188	237867	20.000	ng/ul	0.00
79) Chrysene-d12	21.913	240	212764	20.000	ng/ul	0.00
88) Perylene-d12	25.392	264	240548	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	7172m	5.206	ng/uL	0.00
4) Pyridine-d5	3.970	84	51851	12.899	ng/ul	0.00
7) Phenol-d5	7.354	99	51078	9.814	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	134955	40.589	ng/ul	0.00
11) 2-Chlorophenol-d4	7.748	132	120424	34.419	ng/ul	0.00
15) 4-Methylphenol-d8	8.929	113	71128	17.679	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	80228	46.986	ng/ul	0.00
24) 2-Nitrophenol-d4	10.151	143	78221	46.665	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	143859	41.778	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	102244	18.352	ng/ul	0.00
46) Dimethylphthalate-d6	14.264	166	362429	46.292	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	426973	43.449	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	13608	9.953	ng/ul	0.00
60) Fluorene-d10	15.856	176	327557	43.958	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	59799	48.908	ng/ul	0.00
73) Anthracene-d10	17.712	188	467590	43.142	ng/ul	0.00
81) Pyrene-d10	19.986	212	542187	45.505	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.157	264	533462	46.149	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	9739	6.017	ng/uL	85
5) Pyridine	3.993	79	55273	13.540	ng/ul#	79
6) Benzaldehyde	7.377	77	131200	57.401	ng/ul	100
8) Phenol	7.389	94	53288	10.292	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.648	93	194109	45.711	ng/ul	92
12) 2-Chlorophenol	7.783	128	133890	36.295	ng/ul	96
13) 2-Methylphenol	8.664	108	92725	23.704	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.741	45	376774	40.136	ng/ul	98
16) Acetophenone	9.075	105	267927	42.999	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.040	70	136493	43.184	ng/ul	98
18) 4-Methylphenol	8.993	108	87055	21.004	ng/ul	99
19) Hexachloroethane	9.316	117	58968	40.576	ng/ul	92
22) Nitrobenzene	9.475	77	213503	50.654	ng/ul	95
23) Isophorone	9.980	82	417738	46.088	ng/ul	98
25) 2-Nitrophenol	10.180	139	92286	49.968	ng/ul	91
26) 2,4-Dimethylphenol	10.209	107	52508	13.296	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.462	93	257513	45.028	ng/ul	97
29) 2,4-Dichlorophenol	10.703	162	154903	45.255	ng/ul	95
30) Naphthalene	11.126	128	537725	41.448	ng/ul	98
32) 4-Chloroaniline	11.244	127	105544	19.811	ng/ul	96
33) Hexachlorobutadiene	11.349	225	69920	30.522	ng/ul	91
34) Caprolactam	12.031	113	5671	4.788	ng/ul#	71
35) 4-Chloro-3-methylphenol	12.319	107	103343	28.297	ng/ul	99
36) 2-Methylnaphthalene	12.712	142	278255	32.740	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100423\
Data File : BG059280.D
Acq On : 4 Oct 2023 14:17
Operator : MA/JU
Sample : 04497-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 23:31:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBBN2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.924	142	275328	31.918	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	13.053	216	148063	45.671	ng/ul	99
40) Hexachlorocyclopentadiene	13.006	237	59566	29.786	ng/ul	99
41) 2,4,6-Trichlorophenol	13.300	196	93339	47.026	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.370	196	98784	47.430	ng/ul	98
43) 1,1'-Biphenyl	13.705	154	408392	46.698	ng/ul	98
44) 2-Chloronaphthalene	13.758	162	309691	47.033	ng/ul	97
45) 2-Nitroaniline	13.976	65	74633	40.184	ng/ul	97
47) Dimethylphthalate	14.311	163	387267	48.293	ng/ul	98
48) 2,6-Dinitrotoluene	14.457	165	80348	58.911	ng/ul#	86
50) Acenaphthylene	14.598	152	491062	46.815	ng/ul	97
51) 3-Nitroaniline	14.792	138	33672	22.870	ng/ul#	99
52) Acenaphthene	14.933	153	342613	47.586	ng/ul	96
53) 2,4-Dinitrophenol	14.992	184	42553m	56.126	ng/ul	
55) 4-Nitrophenol	15.068	109	11815	12.251	ng/ul	97
56) Dibenzofuran	15.262	168	457093	47.895	ng/ul	98
57) 2,4-Dinitrotoluene	15.233	165	113209	56.058	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.474	232	92517	49.069	ng/ul#	96
59) Diethylphthalate	15.656	149	370527	47.795	ng/ul	96
61) Fluorene	15.909	166	382427	47.723	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.891	204	191089	47.836	ng/ul	97
63) 4-Nitroaniline	15.956	138	20505	15.133	ng/ul#	67
66) 4,6-Dinitro-2-methylph...	15.985	198	69352	53.795	ng/ul#	82
67) N-Nitrosodiphenylamine	16.114	169	302073	47.641	ng/ul	99
68) 4-Bromophenyl-phenylether	16.790	248	115649	50.186	ng/ul	95
69) Hexachlorobenzene	16.878	284	127579	49.006	ng/ul	95
70) Atrazine	17.048	200	100313	41.607	ng/ul	96
71) Pentachlorophenol	17.236	266	74997	50.055	ng/ul	90
72) Phenanthrene	17.660	178	637453	48.832	ng/ul	100
74) Anthracene	17.748	178	625402	46.398	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.664	216	147821	47.158	ng/uL	96
76) Pentachlorobenzene	15.157	250	138221	44.658	ng/uL	97
77) Carbazole	18.030	167	544934	49.603	ng/ul	99
78) Di-n-butylphthalate	18.529	149	662976	50.909	ng/ul	100
80) Fluoranthene	19.651	202	721894	49.182	ng/ul	97
82) Pyrene	20.016	202	748347	48.134	ng/ul	97
83) Butylbenzylphthalate	20.868	149	289181	52.745	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.808	252	95813	19.445	ng/ul	97
85) Benzo(a)anthracene	21.896	228	726160	48.483	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.725	149	432432	51.942	ng/ul	97
87) Chrysene	21.966	228	689157	48.718	ng/ul	98
89) Di-n-octyl phthalate	23.018	149	752249	53.770	ng/ul	100
90) Benzo(b)fluoranthene	24.269	252	735521	49.923	ng/ul	99
91) Benzo(k)fluoranthene	24.346	252	754605	50.549	ng/ul	99
93) Benzo(a)pyrene	25.233	252	688164	49.237	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.416	276	826886m	52.264	ng/ul	
95) Dibenzo(a,h)anthracene	29.499	278	678151	52.708	ng/ul	100
96) Benzo(g,h,i)perylene	30.697	276	660931	51.378	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100423\
Data File : BG059280.D
Acq On : 4 Oct 2023 14:17
Operator : MA/JU
Sample : 04497-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 23:31:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBBN2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023