Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011023\
Data File : BM038416.D
Acq On : 10 Jan 2023 09:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020090

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

Quant Time: Jan 10 10:39:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:11:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	52959	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	196194	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.627	164	126921	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	295806	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	330339	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	400817	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	13036	7.983	ng/uL	0.00
4) Pyridine-d5	3.793	84	98376	20.822	ng/ul	0.00
7) Phenol-d5	7.151	99	85855	17.796	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.322	67	65178	18.780	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	69628	20.143	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	62536	16.792	ng/ul	-0.01
21) Nitrobenzene-d5	9.163	128	28027	18.208	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.886	143	32831	18.807	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.422	165	64097	19.013	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.945	131	79320	17.051	ng/ul	-0.01
46) Dimethylphthalate-d6	14.033	166	172047	17.899	ng/ul	-0.01
49) Acenaphthylene-d8	14.321	160	207347	18.511	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	28713	16.594	ng/ul	-0.01
60) Fluorene-d10	15.615	176	161475	18.473	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	35604	16.607	ng/ul	0.00
73) Anthracene-d10	17.468	188	263880	18.493	ng/ul	0.00
81) Pyrene-d10	19.751	212	327397	17.810	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	363344	18.252	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	13021	7.468	ng/uL#	77
5) Pyridine	3.810	79	101386	20.315	ng/ul	93
6) Benzaldehyde	7.134	77	40406	20.372	ng/ul	97
8) Phenol	7.181	94	93310	18.332	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.416	93	78974	19.378	ng/ul	98
12) 2-Chlorophenol	7.551	128	73627	20.625	ng/ul	94
13) 2-Methylphenol	8.439	108	61354	16.877	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.522	45	109039	16.869	ng/ul	99
16) Acetophenone	8.822	105	112718	17.104	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.804	70	65768	18.526	ng/ul	98
18) 4-Methylphenol	8.769	108	68185	17.239	ng/ul	97
19) Hexachloroethane	9.069	117	32320	19.442	ng/ul	99
22) Nitrobenzene	9.204	77	96767	19.060	ng/ul	99
23) Isophorone	9.734	82	160204	18.406	ng/ul	98
25) 2-Nitrophenol	9.922	139	35187	19.351	ng/ul	94
26) 2,4-Dimethylphenol	9.975	107	82418	19.389	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.216	93	93118	18.698	ng/ul	100
29) 2,4-Dichlorophenol	10.451	162	61931	18.893	ng/ul	98
30) Naphthalene	10.857	128	197531	18.876	ng/ul	99
32) 4-Chloroaniline	10.975	127	81145	17.119	ng/ul	97
33) Hexachlorobutadiene	11.128	225	47323	19.390	ng/ul	97
34) Caprolactam	11.751	113	15219m	16.266	ng/ul	
35) 4-Chloro-3-methylphenol	12.086	107	62321	17.867	ng/ul	94
36) 2-Methylnaphthalene	12.457	142	125329	18.372	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011023\
Data File : BM038416.D
Acq On : 10 Jan 2023 09:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 10 10:39:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:11:50 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020090

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	130623	18.508	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.822	216	83109	18.520	ng/ul	99
40) Hexachlorocyclopentadiene	12.798	237	52752	16.644	ng/ul	98
41) 2,4,6-Trichlorophenol	13.069	196	51661	18.548	ng/ul	94
42) 2,4,5-Trichlorophenol	13.133	196	54045	18.105	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	174711	18.211	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	143889	18.368	ng/ul	98
45) 2-Nitroaniline	13.716	65	48403	18.471	ng/ul	97
47) Dimethylphthalate	14.080	163	173721	17.810	ng/ul	98
48) 2,6-Dinitrotoluene	14.210	165	32614	17.560	ng/ul	96
50) Acenaphthylene	14.351	152	220804	18.581	ng/ul	99
51) 3-Nitroaniline	14.539	138	27200	15.905	ng/ul	100
52) Acenaphthene	14.686	153	160689	19.109	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	22301	16.061	ng/ul	92
55) 4-Nitrophenol	14.845	109	32460	17.921	ng/ul	96
56) Dibenzofuran	15.021	168	221344	18.521	ng/ul	94
57) 2,4-Dinitrotoluene	14.992	165	50429	18.559	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.245	232	48977	18.369	ng/ul	96
59) Diethylphthalate	15.439	149	188323	18.627	ng/ul	99
61) Fluorene	15.668	166	190782	18.594	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	102344	18.952	ng/ul	99
63) 4-Nitroaniline	15.698	138	28522	17.429	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.751	198	35267	17.167	ng/ul	96
67) N-Nitrosodiphenylamine	15.874	169	153659	18.218	ng/ul	97
68) 4-Bromophenyl-phenylether	16.557	248	59415	18.960	ng/ul	98
69) Hexachlorobenzene	16.668	284	65465	18.112	ng/ul	97
70) Atrazine	16.821	200	59087	16.948	ng/ul	98
71) Pentachlorophenol	17.015	266	38127	15.983	ng/ul	98
72) Phenanthrene	17.409	178	292154	18.101	ng/ul	99
74) Anthracene	17.504	178	308204	18.570	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	79985	17.916	ng/uL	97
76) Pentachlorobenzene	14.939	250	79788	18.547	ng/uL	100
77) Carbazole	17.774	167	261039	17.154	ng/ul	99
78) Di-n-butylphthalate	18.321	149	334850	18.417	ng/ul	99
80) Fluoranthene	19.421	202	366046	17.607	ng/ul	98
82) Pyrene	19.780	202	403756	17.821	ng/ul	99
83) Butylbenzylphthalate	20.668	149	153785	17.699	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.456	252	120771	17.532	ng/ul	99
85) Benzo(a)anthracene	21.527	228	434118	18.466	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.439	149	234089	17.453	ng/ul	99
87) Chrysene	21.580	228	411898	18.238	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	443069	15.452	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	464568	18.320	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	464595	18.244	ng/ul	99
93) Benzo(a)pyrene	23.862	252	424806	18.509	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	540534	18.532	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	452843	18.604	ng/ul	99
96) Benzo(g,h,i)perylene	27.285	276	453365	18.983	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011023\
Data File : BM038416.D
Acq On : 10 Jan 2023 09:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 10 10:39:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:11:50 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020090

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023