

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045846.D
 Acq On : 05 Jun 2024 12:18
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020114

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 13:33:25 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 31 13:01:11 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	287684	20.000	ng/u1	0.00
20) Naphthalene-d8	10.228	136	1173100	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.104	164	668839	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	1164139	20.000	ng/u1	0.00
79) Chrysene-d12	21.068	240	876962	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	1002731	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	54926	7.402	ng/uL	0.00
4) Pyridine-d5	3.458	84	385510	20.178	ng/u1	-0.01
7) Phenol-d5	6.716	99	511156	20.915	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	361577	20.603	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	394025	21.584	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	391819	21.221	ng/u1	0.00
21) Nitrobenzene-d5	8.622	128	197447	21.527	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.339	143	212882	22.933	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	384661	22.097	ng/u1	0.00
31) 4-Chloroaniline-d4	10.410	131	490898	20.376	ng/u1	-0.01
46) Dimethylphthalate-d6	13.551	166	993348	21.453	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1161536	21.602	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	200531	20.067	ng/u1	0.00
60) Fluorene-d10	15.104	176	809552	20.494	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	104334	17.551	ng/u1	0.00
73) Anthracene-d10	16.951	188	1090018	21.538	ng/u1	0.00
81) Pyrene-d10	19.251	212	1127295	20.670	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	998079	21.297	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.081	88	61001	7.428	ng/uL	95
5) Pyridine	3.475	79	395552	20.159	ng/u1	99
6) Benzaldehyde	6.634	77	262990	22.879	ng/u1	99
8) Phenol	6.746	94	528073	20.835	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.916	93	424086	20.046	ng/u1	98
12) 2-Chlorophenol	7.057	128	404294	21.022	ng/u1	100
13) 2-Methylphenol	7.963	108	389999	21.013	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	7.998	45	882450	21.178	ng/u1	99
16) Acetophenone	8.298	105	638558	20.751	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.287	70	356851	20.986	ng/u1	97
18) 4-Methylphenol	8.292	108	408243	21.258	ng/u1	100
19) Hexachloroethane	8.528	117	186791	20.221	ng/u1	98
22) Nitrobenzene	8.663	77	553658	21.569	ng/u1	99
23) Isophorone	9.192	82	973242	21.457	ng/u1	99
25) 2-Nitrophenol	9.369	139	225685	22.241	ng/u1	98
26) 2,4-Dimethylphenol	9.469	107	446387	21.684	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.675	93	570369	20.713	ng/u1	99
29) 2,4-Dichlorophenol	9.910	162	374231	21.578	ng/u1	97
30) Naphthalene	10.275	128	1304513	20.854	ng/u1	99
32) 4-Chloroaniline	10.434	127	481609	20.451	ng/u1	97
33) Hexachlorobutadiene	10.569	225	249334	20.986	ng/u1	99
34) Caprolactam	11.251	113	103725m	21.235	ng/u1	
35) 4-Chloro-3-methylphenol	11.586	107	399454	21.230	ng/u1	100
36) 2-Methylnaphthalene	11.898	142	857793	20.705	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045846.D
 Acq On : 05 Jun 2024 12:18
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020114

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 13:33:25 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 31 13:01:11 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.122	142	848901	20.495	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.275	216	431490	21.541	ng/ul	97
40) Hexachlorocyclopentadiene	12.263	237	164512	13.532	ng/ul	100
41) 2,4,6-Trichlorophenol	12.545	196	276805	23.751	ng/ul	94
42) 2,4,5-Trichlorophenol	12.633	196	282908	22.370	ng/ul	99
43) 1,1'-Biphenyl	12.939	154	1062803	21.418	ng/ul	99
44) 2-Chloronaphthalene	12.969	162	836698	21.517	ng/ul	98
45) 2-Nitroaniline	13.216	65	295935	22.287	ng/ul	98
47) Dimethylphthalate	13.604	163	1007003	21.418	ng/ul	100
48) 2,6-Dinitrotoluene	13.710	165	196846	21.763	ng/ul	95
50) Acenaphthylene	13.827	152	1331064	21.389	ng/ul	99
51) 3-Nitroaniline	14.057	138	186502	22.455	ng/ul	97
52) Acenaphthene	14.169	153	879407	21.177	ng/ul	99
53) 2,4-Dinitrophenol	14.245	184	87207	21.175	ng/ul	98
55) 4-Nitrophenol	14.416	109	167378	20.302	ng/ul	99
56) Dibenzofuran	14.510	168	1176420	21.007	ng/ul	100
57) 2,4-Dinitrotoluene	14.498	165	267759	21.397	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.757	232	216602	22.667	ng/ul	93
59) Diethylphthalate	14.969	149	1003263	21.310	ng/ul	99
61) Fluorene	15.157	166	938450	20.798	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.169	204	462391	20.646	ng/ul	100
63) 4-Nitroaniline	15.233	138	165667	24.021	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.257	198	114879	17.607	ng/ul#	91
67) N-Nitrosodiphenylamine	15.386	169	753377	22.837	ng/ul	99
68) 4-Bromophenyl-phenylether	16.057	248	268779	22.145	ng/ul	99
69) Hexachlorobenzene	16.163	284	287189	21.396	ng/ul	93
70) Atrazine	16.357	200	207945	20.794	ng/ul	99
71) Pentachlorophenol	16.527	266	155596	22.846	ng/ul	99
72) Phenanthrene	16.892	178	1302548	21.235	ng/ul	99
74) Anthracene	16.986	178	1314859	21.460	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.892	216	422864	23.422	ng/uL	100
76) Pentachlorobenzene	14.427	250	383560	22.714	ng/uL	98
77) Carbazole	17.274	167	1136048	21.731	ng/ul	99
78) Di-n-butylphthalate	17.845	149	1562414	22.726	ng/ul	100
80) Fluoranthene	18.915	202	1382135	20.905	ng/ul	99
82) Pyrene	19.280	202	1406532	20.706	ng/ul	99
83) Butylbenzylphthalate	20.209	149	634774	22.929	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.998	252	366705	21.170	ng/ul	99
85) Benzo(a)anthracene	21.050	228	1296932	21.418	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	948842	23.068	ng/ul	99
87) Chrysene	21.103	228	1186025	21.173	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	1616665	21.081	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1286355	20.875	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	1252860	20.816	ng/ul	98
93) Benzo(a)pyrene	23.662	252	1171055	21.626	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.791	276	1324081	22.391	ng/ul	99
95) Dibenzo(a,h)anthracene	26.838	278	1049765	22.445	ng/ul	100
96) Benzo(g,h,i)perylene	27.727	276	1131091	21.717	ng/ul	99

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

