

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033024\
 Data File : BM044840.D
 Acq On : 30 Mar 2024 20:32
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020084

Quant Time: Mar 31 15:38:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 13:54:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
 Supervised By :mohammad ahmed 04/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	131856	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	557176	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	326981	20.000	ng/u1	0.00
74) Phenanthrene-d10	17.068	188	592124	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	467351	20.000	ng/u1	0.00
88) Perylene-d12	23.503	264	532777	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	26218	6.744	ng/uL	0.00
4) Pyridine-d5	3.628	84	192854	16.854	ng/u1	0.00
7) Phenol-d5	6.845	99	247410	18.251	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	161569	19.295	ng/u1	0.00
11) 2-Chlorophenol-d4	7.198	132	197689	19.844	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	192600	18.091	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	99293	21.163	ng/u1	0.00
24) 2-Nitrophenol-d4	9.539	143	109950	21.738	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	185473	21.546	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	264517	18.502	ng/u1	0.00
46) Dimethylphthalate-d6	13.733	166	494451	19.277	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	582166	19.846	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	88893	16.712	ng/u1	0.00
60) Fluorene-d10	15.310	176	403223	18.707	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	73211	19.047	ng/u1	0.00
73) Anthracene-d10	17.168	188	577529	20.405	ng/u1	0.00
81) Pyrene-d10	19.468	212	589905	20.580	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.362	264	563258	20.114	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	29617	7.359	ng/uL#	90
5) Pyridine	3.651	79	196198	16.532	ng/u1#	86
6) Benzaldehyde	6.828	77	142625	24.155	ng/u1	93
8) Phenol	6.869	94	249509	18.034	ng/u1#	87
10) Bis(2-Chloroethyl)ether	7.110	93	206159	18.147	ng/u1	93
12) 2-Chlorophenol	7.234	128	199183	19.385	ng/u1	97
13) 2-Methylphenol	8.110	108	186476	17.761	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.186	45	341873	22.787	ng/u1#	93
16) Acetophenone	8.492	105	309617	18.751	ng/u1#	92
17) N-Nitroso-di-n-propyla...	8.475	70	161079	18.882	ng/u1#	82
18) 4-Methylphenol	8.439	108	203840	17.836	ng/u1	95
19) Hexachloroethane	8.722	117	91620	21.768	ng/u1	97
22) Nitrobenzene	8.869	77	247773	22.269	ng/u1	94
23) Isophorone	9.392	82	468352	20.632	ng/u1	97
25) 2-Nitrophenol	9.569	139	114727	20.806	ng/u1#	87
26) 2,4-Dimethylphenol	9.628	107	208125	20.743	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.875	93	275060	19.267	ng/u1	100
29) 2,4-Dichlorophenol	10.098	162	182334	21.217	ng/u1	97
30) Naphthalene	10.492	128	637126	20.190	ng/u1	100
32) 4-Chloroaniline	10.622	127	255837	18.562	ng/u1	99
33) Hexachlorobutadiene	10.757	225	116155	24.115	ng/u1	97
34) Caprolactam	11.410	113	56940m	17.014	ng/u1	
35) 4-Chloro-3-methylphenol	11.745	107	191221	19.187	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	414999	19.776	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033024\
 Data File : BM044840.D
 Acq On : 30 Mar 2024 20:32
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020084

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
 Supervised By :mohammad ahmed 04/02/2024

Quant Time: Mar 31 15:38:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sun Mar 31 13:54:26 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.333	142	410784	19.843	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.480	216	206213	22.168	ng/ul	98
40) Hexachlorocyclopentadiene	12.445	237	118545	19.197	ng/ul	98
41) 2,4,6-Trichlorophenol	12.733	196	137810	21.132	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	144219	20.636	ng/ul	99
43) 1,1'-Biphenyl	13.139	154	519618	20.012	ng/ul	99
44) 2-Chloronaphthalene	13.180	162	408377	20.042	ng/ul	99
45) 2-Nitroaniline	13.404	65	139167	21.756	ng/ul	91
47) Dimethylphthalate	13.780	163	504248	19.320	ng/ul	98
48) 2,6-Dinitrotoluene	13.910	165	101987	19.563	ng/ul	90
50) Acenaphthylene	14.033	152	676247	19.779	ng/ul	100
51) 3-Nitroaniline	14.239	138	108730	19.309	ng/ul	96
52) Acenaphthene	14.374	153	445278	19.811	ng/ul	100
53) 2,4-Dinitrophenol	14.457	184	50851	15.249	ng/ul	91
55) 4-Nitrophenol	14.551	109	78475	21.056	ng/ul#	77
56) Dibenzofuran	14.715	168	584525	19.551	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	140125	18.620	ng/ul#	69
58) 2,3,4,6-Tetrachlorophenol	14.945	232	114969	19.879	ng/ul	99
59) Diethylphthalate	15.157	149	508672	18.779	ng/ul	99
61) Fluorene	15.368	166	473017	19.345	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.368	204	231845	20.429	ng/ul	100
63) 4-Nitroaniline	15.410	138	104993m	19.508	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.462	198	78356	19.077	ng/ul#	91
67) N-Nitrosodiphenylamine	15.586	169	384189	21.543	ng/ul	98
68) 4-Bromophenyl-phenylether	16.262	248	136853	23.107	ng/ul	96
69) Hexachlorobenzene	16.362	284	154696	22.932	ng/ul	100
70) Atrazine	16.551	200	129951	22.299	ng/ul	96
71) Pentachlorophenol	16.715	266	92902	20.856	ng/ul	99
72) Phenanthrene	17.109	178	676872	20.151	ng/ul	100
74) Anthracene	17.204	178	695440	20.472	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	199203	25.187	ng/uL	99
76) Pentachlorobenzene	14.627	250	188541	24.658	ng/uL	100
77) Carbazole	17.480	167	609474	19.093	ng/ul	99
78) Di-n-butylphthalate	18.051	149	830612	19.345	ng/ul	99
80) Fluoranthene	19.133	202	712505	20.872	ng/ul	97
82) Pyrene	19.497	202	732996	20.625	ng/ul	97
83) Butylbenzylphthalate	20.415	149	342442	19.596	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.197	252	207240	20.500	ng/ul#	97
85) Benzo(a)anthracene	21.256	228	689110	19.635	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.197	149	515685	20.240	ng/ul	97
87) Chrysene	21.303	228	644903	19.848	ng/ul	100
89) Di-n-octyl phthalate	22.080	149	887708	18.618	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	711439	19.956	ng/ul	98
91) Benzo(k)fluoranthene	22.880	252	667974	19.131	ng/ul	98
93) Benzo(a)pyrene	23.409	252	647251	19.409	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.756	276	798000	21.334	ng/ul	98
95) Dibenzo(a,h)anthracene	25.774	278	662837	21.253	ng/ul	98
96) Benzo(g,h,i)perylene	26.444	276	633781	21.233	ng/ul	97

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

