

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022424\
 Data File : BM044305.D
 Acq On : 24 Feb 2024 21:44
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020196

Quant Time: Feb 26 00:53:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Feb 25 22:57:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/26/2024
 Supervised By :mohammad ahmed 02/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	248079	20.000	ng/u1	0.00
20) Naphthalene-d8	10.727	136	1095697	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.568	164	647936	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.315	188	1361050	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	1197917	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1328928	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	56848	7.230	ng/uL	0.00
4) Pyridine-d5	3.769	84	405412	18.880	ng/u1	0.00
7) Phenol-d5	7.087	99	453094	19.066	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	288563	18.751	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	356649	19.926	ng/u1	0.01
15) 4-Methylphenol-d8	8.633	113	349200	19.420	ng/u1	0.00
21) Nitrobenzene-d5	9.092	128	177063	19.875	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	186344	20.502	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	324870	20.262	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	519638	19.297	ng/u1	0.01
46) Dimethylphthalate-d6	13.992	166	989917	19.810	ng/u1	0.01
49) Acenaphthylene-d8	14.257	160	1147908	19.965	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	188875	18.994	ng/u1	0.00
60) Fluorene-d10	15.562	176	839935	19.859	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	153135	18.133	ng/u1	0.00
73) Anthracene-d10	17.415	188	1276196	19.665	ng/u1	0.00
81) Pyrene-d10	19.715	212	1429394	19.834	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.768	264	1346893	19.779	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	61097	7.372	ng/uL	95
5) Pyridine	3.787	79	428931	19.093	ng/u1	99
6) Benzaldehyde	7.069	77	255918m	24.808	ng/u1	
8) Phenol	7.116	94	470983	19.066	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.357	93	393805	19.046	ng/u1	99
12) 2-Chlorophenol	7.481	128	370033	19.983	ng/u1	97
13) 2-Methylphenol	8.369	108	348856	19.168	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.451	45	524632	18.558	ng/u1	98
16) Acetophenone	8.757	105	574081	19.983	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.739	70	299733	20.827	ng/u1	99
18) 4-Methylphenol	8.698	108	377149	19.454	ng/u1	96
19) Hexachloroethane	8.992	117	150620	19.173	ng/u1	95
22) Nitrobenzene	9.133	77	420153	19.501	ng/u1	98
23) Isophorone	9.663	82	835538	20.010	ng/u1	98
25) 2-Nitrophenol	9.845	139	203974	20.234	ng/u1	96
26) 2,4-Dimethylphenol	9.904	107	379741	19.728	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.151	93	524251	19.313	ng/u1	99
29) 2,4-Dichlorophenol	10.375	162	327172	20.162	ng/u1	98
30) Naphthalene	10.775	128	1202311	19.294	ng/u1	100
32) 4-Chloroaniline	10.898	127	508625	19.383	ng/u1	98
33) Hexachlorobutadiene	11.051	225	187999	19.231	ng/u1	99
34) Caprolactam	11.674	113	109206	19.469	ng/u1	93
35) 4-Chloro-3-methylphenol	12.022	107	358677	20.747	ng/u1	97
36) 2-Methylnaphthalene	12.392	142	790248	19.909	ng/u1	99

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37) 1-Methylnaphthalene	12.610	142	781220	19.910	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.751	216	367114	19.140	ng/ul	100
40) Hexachlorocyclopentadiene	12.721	237	229302	17.769	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	248418	20.319	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	268162	20.290	ng/ul	96
43) 1,1'-Biphenyl	13.404	154	1009392	19.136	ng/ul	98
44) 2-Chloronaphthalene	13.445	162	803063	19.443	ng/ul	99
45) 2-Nitroaniline	13.657	65	235196	20.567	ng/ul	99
47) Dimethylphthalate	14.039	163	1010709	19.789	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	195623	20.481	ng/ul	97
50) Acenaphthylene	14.286	152	1348437	19.801	ng/ul	99
51) 3-Nitroaniline	14.486	138	208218	20.664	ng/ul	98
52) Acenaphthene	14.627	153	876267	19.491	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	100669	16.985	ng/ul	96
55) 4-Nitrophenol	14.786	109	130299	19.074	ng/ul	95
56) Dibenzofuran	14.968	168	1181178	19.571	ng/ul	99
57) 2,4-Dinitrotoluene	14.939	165	286937	20.911	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.192	232	223618	21.023	ng/ul	98
59) Diethylphthalate	15.404	149	1063932	20.237	ng/ul	99
61) Fluorene	15.615	166	966686	19.943	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.615	204	462115	20.229	ng/ul	98
63) 4-Nitroaniline	15.645	138	219292	22.501	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.698	198	169051	18.299	ng/ul	97
67) N-Nitrosodiphenylamine	15.833	169	815603	19.774	ng/ul	99
68) 4-Bromophenyl-phenylether	16.515	248	265188	19.610	ng/ul	95
69) Hexachlorobenzene	16.609	284	307837	19.889	ng/ul	97
70) Atrazine	16.792	200	268401	19.865	ng/ul	98
71) Pentachlorophenol	16.962	266	192050	18.829	ng/ul	99
72) Phenanthrene	17.356	178	1506356	19.293	ng/ul	99
74) Anthracene	17.451	178	1534270	19.517	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	359572	18.873	ng/ul	99
76) Pentachlorobenzene	14.880	250	349662	19.225	ng/ul	97
77) Carbazole	17.727	167	1424539	19.272	ng/ul	99
78) Di-n-butylphthalate	18.303	149	1921267	20.528	ng/ul	100
80) Fluoranthene	19.380	202	1696742	19.631	ng/ul	98
82) Pyrene	19.745	202	1778357	19.619	ng/ul	99
83) Butylbenzylphthalate	20.662	149	843165	20.709	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.444	252	546350	20.390	ng/ul	98
85) Benzo(a)anthracene	21.503	228	1775610	19.874	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	1331032	21.353	ng/ul	100
87) Chrysene	21.556	228	1653812	19.693	ng/ul	100
89) Di-n-octyl phthalate	22.391	149	2258992	19.840	ng/ul	100
90) Benzo(b)fluoranthene	23.191	252	1690110	19.838	ng/ul	100
91) Benzo(k)fluoranthene	23.244	252	1729996	19.771	ng/ul	99
93) Benzo(a)pyrene	23.821	252	1618533	19.705	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.432	276	1905905	19.187	ng/ul	99
95) Dibenzo(a,h)anthracene	26.462	278	1591237	19.170	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	1512057	18.818	ng/ul	98

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

