

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
 Data File : BM043514.D
 Acq On : 21 Dec 2023 22:35
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020171

Quant Time: Dec 21 23:16:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 21:59:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	228747	20.000	ng/u1	0.00
20) Naphthalene-d8	10.780	136	1023968	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	575399	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1113025	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	954982	20.000	ng/u1	0.00
88) Perylene-d12	23.944	264	1040333	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	56886	8.082	ng/uL	0.00
4) Pyridine-d5	3.793	84	411173	20.298	ng/u1	0.00
7) Phenol-d5	7.128	99	495427	19.039	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	321602	19.515	ng/u1	0.00
11) 2-Chlorophenol-d4	7.498	132	366922	18.468	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	376305	18.636	ng/u1	0.00
21) Nitrobenzene-d5	9.145	128	180604	18.230	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	176449	17.237	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	327567	18.127	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	506098	19.037	ng/u1	0.00
46) Dimethylphthalate-d6	14.027	166	953748	18.413	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	1152688	18.759	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	198469	20.244	ng/u1	0.00
60) Fluorene-d10	15.598	176	807110	18.843	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	121935	16.565	ng/u1	0.00
73) Anthracene-d10	17.451	188	1185533	18.992	ng/u1	0.00
81) Pyrene-d10	19.739	212	1213786	16.099	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.791	264	1181978	18.411	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	64713	8.322	ng/uL	98
5) Pyridine	3.810	79	432351	20.639	ng/u1	93
6) Benzaldehyde	7.116	77	249047m	20.185	ng/u1	
8) Phenol	7.157	94	495826	19.368	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.404	93	403252	19.403	ng/u1	100
12) 2-Chlorophenol	7.528	128	380273	18.789	ng/u1	98
13) 2-Methylphenol	8.416	108	360847	18.563	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.504	45	684937	19.625	ng/u1	99
16) Acetophenone	8.804	105	592041	19.150	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.792	70	332018	17.994	ng/u1	97
18) 4-Methylphenol	8.745	108	394902	18.744	ng/u1	99
19) Hexachloroethane	9.045	117	157370	18.440	ng/u1	98
22) Nitrobenzene	9.186	77	475897	19.410	ng/u1	96
23) Isophorone	9.710	82	878178	17.657	ng/u1	98
25) 2-Nitrophenol	9.898	139	199722	18.358	ng/u1	100
26) 2,4-Dimethylphenol	9.951	107	375923	19.397	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.198	93	538805	18.347	ng/u1	99
29) 2,4-Dichlorophenol	10.422	162	324540	18.507	ng/u1	98
30) Naphthalene	10.827	128	1231335	18.868	ng/u1	99
32) 4-Chloroaniline	10.945	127	501027	19.599	ng/u1	100
33) Hexachlorobutadiene	11.098	225	155886	17.435	ng/u1	99
34) Caprolactam	11.733	113	105296	18.789	ng/u1	92
35) 4-Chloro-3-methylphenol	12.063	107	379802	18.439	ng/u1	98
36) 2-Methylnaphthalene	12.439	142	810726	18.250	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
 Data File : BM043514.D
 Acq On : 21 Dec 2023 22:35
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020171

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 21 23:16:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 21:59:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	816060	18.213	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.798	216	308527	17.598	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	214530	19.502	ng/ul	98
41) 2,4,6-Trichlorophenol	13.045	196	218572	17.539	ng/ul	96
42) 2,4,5-Trichlorophenol	13.110	196	239863	18.127	ng/ul	98
43) 1,1'-Biphenyl	13.445	154	1017880	18.558	ng/ul	100
44) 2-Chloronaphthalene	13.486	162	795427	18.915	ng/ul	99
45) 2-Nitroaniline	13.698	65	276830	19.631	ng/ul	97
47) Dimethylphthalate	14.074	163	971559	18.993	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	182702	18.474	ng/ul	95
50) Acenaphthylene	14.327	152	1342957	19.033	ng/ul	99
51) 3-Nitroaniline	14.521	138	217153	19.127	ng/ul	98
52) Acenaphthene	14.668	153	888595	19.108	ng/ul	99
53) 2,4-Dinitrophenol	14.727	184	115393	21.918	ng/ul	93
55) 4-Nitrophenol	14.821	109	163147	21.431	ng/ul	96
56) Dibenzofuran	15.004	168	1144391	19.054	ng/ul	99
57) 2,4-Dinitrotoluene	14.980	165	270633	19.369	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.227	232	175580	17.319	ng/ul	96
59) Diethylphthalate	15.433	149	1011477	19.295	ng/ul	98
61) Fluorene	15.651	166	978493	19.070	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.651	204	408831	18.114	ng/ul	97
63) 4-Nitroaniline	15.680	138	229923	22.125	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.733	198	133894	17.037	ng/ul	96
67) N-Nitrosodiphenylamine	15.862	169	786983	18.408	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	224563	17.030	ng/ul	96
69) Hexachlorobenzene	16.645	284	274135	18.146	ng/ul	97
70) Atrazine	16.821	200	189151	20.185	ng/ul	98
71) Pentachlorophenol	16.992	266	171021	18.726	ng/ul	99
72) Phenanthrene	17.392	178	1453668	19.270	ng/ul	99
74) Anthracene	17.486	178	1478267	19.417	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	311119	17.021	ng/uL	99
76) Pentachlorobenzene	14.915	250	305689	17.175	ng/uL	98
77) Carbazole	17.756	167	1392410	21.429	ng/ul	100
78) Di-n-butylphthalate	18.327	149	1700773	20.022	ng/ul	100
80) Fluoranthene	19.403	202	1482940	15.883	ng/ul	99
82) Pyrene	19.768	202	1584136	16.504	ng/ul	99
83) Butylbenzylphthalate	20.674	149	723790	17.441	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.450	252	463896	19.723	ng/ul	99
85) Benzo(a)anthracene	21.515	228	1497882	18.757	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1143277	19.351	ng/ul	98
87) Chrysene	21.568	228	1372440	19.104	ng/ul	99
89) Di-n-octyl phthalate	22.391	149	1819463	18.283	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1427843	17.910	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	1469665	18.901	ng/ul	99
93) Benzo(a)pyrene	23.838	252	1385336	19.046	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.456	276	1712948	19.723	ng/ul	99
95) Dibenzo(a,h)anthracene	26.485	278	1438511	20.003	ng/ul	99
96) Benzo(g,h,i)perylene	27.232	276	1351746	19.855	ng/ul	99

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

