

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
 Data File : BM043500.D
 Acq On : 21 Dec 2023 13:34
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020170

Quant Time: Dec 21 14:17:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	182851	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.781	136	815054	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.604	164	448653	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.351	188	850268	20.000	ng/u1	-0.01
79) Chrysene-d12	21.527	240	730278	20.000	ng/u1	-0.01
88) Perylene-d12	23.945	264	834311	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	45493	8.086	ng/uL	-0.02
4) Pyridine-d5	3.793	84	333497	20.596	ng/u1	-0.01
7) Phenol-d5	7.134	99	395288	19.004	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.310	67	262734	19.944	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.499	132	292110	18.393	ng/u1	-0.02
15) 4-Methylphenol-d8	8.681	113	296295	18.356	ng/u1	-0.02
21) Nitrobenzene-d5	9.146	128	141133	17.897	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.863	143	131098	16.090	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.398	165	253518	17.626	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.928	131	404826	19.131	ng/u1	-0.02
46) Dimethylphthalate-d6	14.028	166	729276	18.057	ng/u1	-0.01
49) Acenaphthylene-d8	14.304	160	894894	18.678	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.804	143	150264	19.657	ng/u1	-0.02
60) Fluorene-d10	15.598	176	628929	18.832	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.722	200	83363	14.824	ng/u1	-0.01
73) Anthracene-d10	17.451	188	910962	19.104	ng/u1	-0.01
81) Pyrene-d10	19.739	212	916043	15.888	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.786	264	924415	17.955	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	51519	8.288	ng/uL	96
5) Pyridine	3.817	79	351806	21.009	ng/u1	96
6) Benzaldehyde	7.116	77	206161	20.903	ng/u1	99
8) Phenol	7.157	94	399362	19.515	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.405	93	324497	19.532	ng/u1	98
12) 2-Chlorophenol	7.528	128	301365	18.627	ng/u1	97
13) 2-Methylphenol	8.416	108	285723	18.388	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.504	45	562764	20.172	ng/u1	99
16) Acetophenone	8.804	105	480552	19.446	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.793	70	268854	18.228	ng/u1	95
18) 4-Methylphenol	8.746	108	314318	18.664	ng/u1	99
19) Hexachloroethane	9.046	117	130447	19.122	ng/u1	92
22) Nitrobenzene	9.187	77	386899	19.825	ng/u1	95
23) Isophorone	9.716	82	686362	17.338	ng/u1	98
25) 2-Nitrophenol	9.898	139	150829	17.418	ng/u1	96
26) 2,4-Dimethylphenol	9.951	107	297241	19.269	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.204	93	439471	18.800	ng/u1	100
29) 2,4-Dichlorophenol	10.428	162	251763	18.036	ng/u1	98
30) Naphthalene	10.834	128	990129	19.061	ng/u1	100
32) 4-Chloroaniline	10.951	127	400155	19.666	ng/u1	99
33) Hexachlorobutadiene	11.104	225	120815	16.976	ng/u1	99
34) Caprolactam	11.734	113	78782	17.661	ng/u1	95
35) 4-Chloro-3-methylphenol	12.063	107	300274	18.315	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	633360	17.912	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
 Data File : BM043500.D
 Acq On : 21 Dec 2023 13:34
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020170

Quant Time: Dec 21 14:17:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	651112	18.256	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	234328	17.142	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	124285	14.490	ng/ul	100
41) 2,4,6-Trichlorophenol	13.045	196	163253	16.801	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	177741	17.227	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	804242	18.805	ng/ul	98
44) 2-Chloronaphthalene	13.486	162	628862	19.179	ng/ul	99
45) 2-Nitroaniline	13.698	65	214018	19.465	ng/ul	95
47) Dimethylphthalate	14.075	163	751175	18.833	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	135418	17.561	ng/ul	90
50) Acenaphthylene	14.334	152	1057788	19.226	ng/ul	99
51) 3-Nitroaniline	14.522	138	165705	18.719	ng/ul	93
52) Acenaphthene	14.669	153	701133	19.336	ng/ul	99
53) 2,4-Dinitrophenol	14.728	184	49658	12.097	ng/ul#	85
55) 4-Nitrophenol	14.822	109	124976	21.055	ng/ul	94
56) Dibenzofuran	15.004	168	897167	19.158	ng/ul	99
57) 2,4-Dinitrotoluene	14.981	165	203982	18.723	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.228	232	130235	16.475	ng/ul	90
59) Diethylphthalate	15.433	149	793824	19.421	ng/ul	97
61) Fluorene	15.651	166	770685	19.263	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	312563	17.761	ng/ul	95
63) 4-Nitroaniline	15.680	138	178601	22.042	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.733	198	90822	15.127	ng/ul#	90
67) N-Nitrosodiphenylamine	15.869	169	610698	18.699	ng/ul	98
68) 4-Bromophenyl-phenylether	16.545	248	170242	16.900	ng/ul	93
69) Hexachlorobenzene	16.645	284	208075	18.030	ng/ul	93
70) Atrazine	16.822	200	104260	14.564	ng/ul	98
71) Pentachlorophenol	16.998	266	110732	15.871	ng/ul	98
72) Phenanthrene	17.392	178	1108686	19.239	ng/ul	100
74) Anthracene	17.486	178	1140045	19.602	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	231469	16.577	ng/uL	98
76) Pentachlorobenzene	14.916	250	235750	17.339	ng/uL	99
77) Carbazole	17.757	167	1064016	21.436	ng/ul	99
78) Di-n-butylphthalate	18.327	149	1316938	20.294	ng/ul	99
80) Fluoranthene	19.404	202	1120995	15.701	ng/ul	98
82) Pyrene	19.768	202	1202726	16.386	ng/ul	97
83) Butylbenzylphthalate	20.674	149	560974	17.677	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.451	252	351649	19.551	ng/ul	98
85) Benzo(a)anthracene	21.515	228	1145664	18.761	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	883830	19.563	ng/ul	97
87) Chrysene	21.568	228	1052159	19.152	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	1410734	17.676	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1133971	17.736	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	1137954	18.249	ng/ul	99
93) Benzo(a)pyrene	23.839	252	1087972	18.651	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.456	276	1373337	19.718	ng/ul	97
95) Dibenzo(a,h)anthracene	26.480	278	1159899	20.111	ng/ul	98
96) Benzo(g,h,i)perylene	27.227	276	1086569	19.901	ng/ul	98

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

