

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
 Data File : BM044342.D
 Acq On : 26 Feb 2024 21:47
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020199

Quant Time: Feb 27 00:08:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 00:07:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	265940	20.000	ng/u1	0.00
20) Naphthalene-d8	10.733	136	1163563	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.574	164	679706	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.321	188	1385172	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	1185083	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	1290372	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	61784	7.330	ng/uL	0.00
4) Pyridine-d5	3.775	84	426693	18.536	ng/u1	0.00
7) Phenol-d5	7.093	99	480829	18.874	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	310756	18.837	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	380724	19.842	ng/u1	0.00
15) 4-Methylphenol-d8	8.645	113	370394	19.215	ng/u1	0.00
21) Nitrobenzene-d5	9.098	128	185566	19.614	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	196019	20.308	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	342677	20.126	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	541112	18.923	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	1020513	19.467	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	1191753	19.759	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	190433	18.256	ng/u1	0.00
60) Fluorene-d10	15.568	176	869248	19.591	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	155812	18.129	ng/u1	0.00
73) Anthracene-d10	17.421	188	1298259	19.657	ng/u1	0.00
81) Pyrene-d10	19.721	212	1433218	20.102	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	1301054	19.677	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	65257	7.345	ng/uL	95
5) Pyridine	3.793	79	453531	18.833	ng/u1	99
6) Benzaldehyde	7.075	77	269391	24.360	ng/u1	98
8) Phenol	7.122	94	499773	18.872	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.363	93	420077	18.952	ng/u1	99
12) 2-Chlorophenol	7.487	128	391523	19.723	ng/u1	99
13) 2-Methylphenol	8.375	108	368322	18.879	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	566964	18.708	ng/u1	98
16) Acetophenone	8.763	105	608029	19.743	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.751	70	317916	20.607	ng/u1	99
18) 4-Methylphenol	8.704	108	399614	19.228	ng/u1	98
19) Hexachloroethane	8.998	117	162423	19.287	ng/u1	97
22) Nitrobenzene	9.145	77	441322	19.289	ng/u1	97
23) Isophorone	9.669	82	880022	19.846	ng/u1	99
25) 2-Nitrophenol	9.851	139	215866	20.165	ng/u1	97
26) 2,4-Dimethylphenol	9.916	107	402996	19.715	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.163	93	565915	19.631	ng/u1	100
29) 2,4-Dichlorophenol	10.381	162	346398	20.102	ng/u1	99
30) Naphthalene	10.786	128	1280630	19.352	ng/u1	99
32) 4-Chloroaniline	10.904	127	530227	19.028	ng/u1	100
33) Hexachlorobutadiene	11.057	225	199003	19.169	ng/u1	98
34) Caprolactam	11.686	113	108560	18.225	ng/u1	94
35) 4-Chloro-3-methylphenol	12.028	107	375891	20.475	ng/u1	98
36) 2-Methylnaphthalene	12.398	142	832707	19.756	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
 Data File : BM044342.D
 Acq On : 26 Feb 2024 21:47
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020199

Quant Time: Feb 27 00:08:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 00:07:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	820893	19.701	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.757	216	388366	19.301	ng/ul	99
40) Hexachlorocyclopentadiene	12.733	237	247139	18.256	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	259658	20.245	ng/ul	99
42) 2,4,5-Trichlorophenol	13.074	196	280543	20.234	ng/ul	100
43) 1,1'-Biphenyl	13.410	154	1060621	19.167	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	838987	19.364	ng/ul	100
45) 2-Nitroaniline	13.663	65	241941	20.168	ng/ul	98
47) Dimethylphthalate	14.045	163	1033820	19.296	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	200877	20.048	ng/ul	95
50) Acenaphthylene	14.292	152	1394703	19.523	ng/ul	99
51) 3-Nitroaniline	14.492	138	209738	19.842	ng/ul	99
52) Acenaphthene	14.633	153	912569	19.350	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	101474	16.321	ng/ul	97
55) 4-Nitrophenol	14.792	109	132946	18.552	ng/ul	96
56) Dibenzofuran	14.974	168	1229066	19.413	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	292363	20.310	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.198	232	228509	20.479	ng/ul	95
59) Diethylphthalate	15.410	149	1078822	19.561	ng/ul	99
61) Fluorene	15.621	166	1004882	19.762	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.621	204	477292	19.916	ng/ul	97
63) 4-Nitroaniline	15.651	138	213877	20.920	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.704	198	170134	18.096	ng/ul	96
67) N-Nitrosodiphenylamine	15.839	169	836481	19.927	ng/ul	99
68) 4-Bromophenyl-phenylether	16.521	248	263082	19.116	ng/ul	96
69) Hexachlorobenzene	16.615	284	306226	19.440	ng/ul	99
70) Atrazine	16.798	200	268695	19.541	ng/ul	99
71) Pentachlorophenol	16.968	266	190250	18.327	ng/ul	99
72) Phenanthrene	17.368	178	1535754	19.327	ng/ul	100
74) Anthracene	17.457	178	1579274	19.739	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	375865	19.385	ng/uL	97
76) Pentachlorobenzene	14.886	250	362358	19.576	ng/uL	97
77) Carbazole	17.733	167	1443662	19.190	ng/ul	99
78) Di-n-butylphthalate	18.309	149	1929012	20.252	ng/ul	100
80) Fluoranthene	19.386	202	1706281	19.955	ng/ul	98
82) Pyrene	19.751	202	1783661	19.890	ng/ul	99
83) Butylbenzylphthalate	20.668	149	833278	20.688	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.445	252	529268	19.967	ng/ul	99
85) Benzo(a)anthracene	21.509	228	1748899	19.787	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1308741	21.223	ng/ul	99
87) Chrysene	21.562	228	1621935	19.522	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	2185377	19.767	ng/ul	100
90) Benzo(b)fluoranthene	23.197	252	1630399	19.709	ng/ul	100
91) Benzo(k)fluoranthene	23.250	252	1703526	20.050	ng/ul	99
93) Benzo(a)pyrene	23.827	252	1561105	19.573	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.444	276	1849551	19.176	ng/ul	99
95) Dibenzo(a,h)anthracene	26.474	278	1547593	19.201	ng/ul	99
96) Benzo(g,h,i)perylene	27.215	276	1465547	18.784	ng/ul	99

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

