

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011724\
 Data File : BM043870.D
 Acq On : 17 Jan 2024 17:00
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020193

Quant Time: Jan 17 17:40:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 01:07:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	280625	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.751	136	1336782	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	913467	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	2095712	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	2064115	20.000	ng/u1	0.00
88) Perylene-d12	23.950	264	2141657	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	49223	6.772	ng/uL	0.00
4) Pyridine-d5	3.775	84	378343	16.899	ng/u1	0.00
7) Phenol-d5	7.110	99	488863	17.214	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	321219	18.151	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.469	132	377035	18.250	ng/u1	-0.01
15) 4-Methylphenol-d8	8.663	113	406320	17.961	ng/u1	-0.01
21) Nitrobenzene-d5	9.116	128	200722	17.916	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.839	143	221901	17.590	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	411236	18.203	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.904	131	632393	17.674	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1450365	18.955	ng/u1	0.00
49) Acenaphthylene-d8	14.280	160	1575258	18.075	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.816	143	276450	18.473	ng/u1	-0.01
60) Fluorene-d10	15.580	176	1211194	18.810	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	231445	15.642	ng/u1	0.00
73) Anthracene-d10	17.439	188	1950223	18.286	ng/u1	0.00
81) Pyrene-d10	19.733	212	2228309	17.478	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	2120015	17.933	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	51889	6.804	ng/uL	97
5) Pyridine	3.793	79	396384	17.255	ng/u1	97
6) Benzaldehyde	7.092	77	273739	24.421	ng/u1	98
8) Phenol	7.140	94	500178	17.535	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	414057	18.005	ng/u1	97
12) 2-Chlorophenol	7.504	128	396747	18.502	ng/u1	98
13) 2-Methylphenol	8.392	108	385385	17.540	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	744292	19.196	ng/u1	99
16) Acetophenone	8.781	105	654109	18.648	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.763	70	382296	19.718	ng/u1	97
18) 4-Methylphenol	8.728	108	433143	18.146	ng/u1	97
19) Hexachloroethane	9.010	117	175950	18.934	ng/u1	98
22) Nitrobenzene	9.163	77	522213	18.695	ng/u1	99
23) Isophorone	9.686	82	1076330	18.784	ng/u1	98
25) 2-Nitrophenol	9.869	139	243619	18.271	ng/u1	95
26) 2,4-Dimethylphenol	9.928	107	469585	18.156	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.175	93	615715	18.118	ng/u1	100
29) 2,4-Dichlorophenol	10.404	162	410642	18.334	ng/u1	99
30) Naphthalene	10.798	128	1413645	18.175	ng/u1	99
32) 4-Chloroaniline	10.928	127	621665	17.879	ng/u1	98
33) Hexachlorobutadiene	11.063	225	224632	17.923	ng/u1	99
34) Caprolactam	11.739	113	160935	19.956	ng/u1	95
35) 4-Chloro-3-methylphenol	12.051	107	486937	19.621	ng/u1	99
36) 2-Methylnaphthalene	12.410	142	993010	18.314	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.627	142	988330	18.281	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.774	216	466410	17.169	ng/ul	98
40) Hexachlorocyclopentadiene	12.739	237	246088	13.544	ng/ul	97
41) 2,4,6-Trichlorophenol	13.027	196	342605	17.762	ng/ul	100
42) 2,4,5-Trichlorophenol	13.104	196	377137	18.414	ng/ul	99
43) 1,1'-Biphenyl	13.421	154	1359340	17.428	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	1049607	17.464	ng/ul	100
45) 2-Nitroaniline	13.686	65	374600	19.748	ng/ul	94
47) Dimethylphthalate	14.057	163	1454903	18.916	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	293405	19.248	ng/ul	99
50) Acenaphthylene	14.310	152	1831662	17.996	ng/ul	100
51) 3-Nitroaniline	14.516	138	309260	19.187	ng/ul	97
52) Acenaphthene	14.651	153	1214021	17.987	ng/ul	100
53) 2,4-Dinitrophenol	14.733	184	147377	15.559	ng/ul	97
55) 4-Nitrophenol	14.833	109	226353	19.824	ng/ul	95
56) Dibenzofuran	14.986	168	1679293	18.519	ng/ul	100
57) 2,4-Dinitrotoluene	14.974	165	446864	19.901	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.215	232	330489	19.366	ng/ul	96
59) Diethylphthalate	15.415	149	1552533	18.935	ng/ul	100
61) Fluorene	15.639	166	1507531	19.393	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.633	204	669418	18.396	ng/ul	100
63) 4-Nitroaniline	15.686	138	301524	23.284	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.739	198	252001	15.822	ng/ul	98
67) N-Nitrosodiphenylamine	15.851	169	1231549	17.857	ng/ul	99
68) 4-Bromophenyl-phenylether	16.527	248	398818	17.009	ng/ul	98
69) Hexachlorobenzene	16.633	284	484170	17.503	ng/ul	99
70) Atrazine	16.815	200	402468	16.133	ng/ul	98
71) Pentachlorophenol	16.986	266	280671	16.139	ng/ul	99
72) Phenanthrene	17.380	178	2345058	18.221	ng/ul	100
74) Anthracene	17.474	178	2448266	18.693	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.380	216	460701	15.681	ng/ul	99
76) Pentachlorobenzene	14.898	250	496700	16.569	ng/ul	99
77) Carbazole	17.756	167	2196282	18.089	ng/ul	100
78) Di-n-butylphthalate	18.315	149	2859167	17.342	ng/ul	100
80) Fluoranthene	19.398	202	2722093	17.450	ng/ul	100
82) Pyrene	19.762	202	2904233	17.965	ng/ul	100
83) Butylbenzylphthalate	20.668	149	1313799	17.187	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.450	252	846002	17.024	ng/ul	100
85) Benzo(a)anthracene	21.515	228	2871727	18.220	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	2074070	17.036	ng/ul	99
87) Chrysene	21.568	228	2560602	17.998	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	3328300	16.694	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2699301	17.982	ng/ul	100
91) Benzo(k)fluoranthene	23.262	252	2653147	17.944	ng/ul	100
93) Benzo(a)pyrene	23.844	252	2524546	18.373	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.479	276	2991073	19.074	ng/ul	99
95) Dibenzo(a,h)anthracene	26.491	278	2495039	19.202	ng/ul	100
96) Benzo(g,h,i)perylene	27.244	276	2208212	18.544	ng/ul	99

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

