

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044421.D
 Acq On : 29 Feb 2024 02:03
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020056

Quant Time: Feb 29 03:36:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 29 03:37:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	236807	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	1026726	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	613238	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	1224304	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1037543	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	1108472	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	54440	7.253	ng/uL	0.00
4) Pyridine-d5	3.787	84	371510	18.125	ng/u1	0.00
7) Phenol-d5	7.116	99	418159	18.433	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	268466	18.275	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	334520	19.579	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	319831	18.633	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	162803	19.502	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	172750	20.283	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	304024	20.236	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	471862	18.700	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	856995	18.120	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1035344	19.027	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	158904	16.884	ng/u1	0.00
60) Fluorene-d10	15.586	176	764428	19.096	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	123310	16.232	ng/u1	0.00
73) Anthracene-d10	17.439	188	1156744	19.815	ng/u1	0.00
81) Pyrene-d10	19.733	212	1246087	19.963	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	1090068	19.192	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	56075	7.088	ng/uL	98
5) Pyridine	3.805	79	396267	18.479	ng/u1	96
6) Benzaldehyde	7.098	77	230760	23.434	ng/u1	98
8) Phenol	7.140	94	441116	18.707	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.387	93	358186	18.148	ng/u1	98
12) 2-Chlorophenol	7.510	128	343558	19.436	ng/u1	97
13) 2-Methylphenol	8.398	108	327816	18.870	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	488985	18.120	ng/u1	98
16) Acetophenone	8.787	105	523343	19.084	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.769	70	267331	19.460	ng/u1	99
18) 4-Methylphenol	8.728	108	355080	19.187	ng/u1	97
19) Hexachloroethane	9.022	117	139404	18.590	ng/u1	94
22) Nitrobenzene	9.163	77	388764	19.256	ng/u1	99
23) Isophorone	9.692	82	749317	19.150	ng/u1	99
25) 2-Nitrophenol	9.875	139	188296	19.933	ng/u1	98
26) 2,4-Dimethylphenol	9.934	107	347030	19.240	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.186	93	477421	18.769	ng/u1	99
29) 2,4-Dichlorophenol	10.404	162	306774	20.175	ng/u1	99
30) Naphthalene	10.810	128	1119344	19.169	ng/u1	99
32) 4-Chloroaniline	10.928	127	460720	18.737	ng/u1	99
33) Hexachlorobutadiene	11.081	225	175205	19.126	ng/u1	99
34) Caprolactam	11.710	113	93081	17.709	ng/u1	99
35) 4-Chloro-3-methylphenol	12.051	107	327446	20.213	ng/u1	98
36) 2-Methylnaphthalene	12.422	142	732452	19.693	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	713836	19.415	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.780	216	345568	19.036	ng/ul	97
40) Hexachlorocyclopentadiene	12.751	237	215390	17.635	ng/ul	99
41) 2,4,6-Trichlorophenol	13.027	196	227181	19.633	ng/ul	100
42) 2,4,5-Trichlorophenol	13.098	196	247697	19.801	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	929755	18.623	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	734164	18.781	ng/ul	100
45) 2-Nitroaniline	13.686	65	211157	19.510	ng/ul	97
47) Dimethylphthalate	14.063	163	889483	18.401	ng/ul	99
48) 2,6-Dinitrotoluene	14.186	165	172263	19.056	ng/ul	99
50) Acenaphthylene	14.316	152	1220337	18.934	ng/ul	100
51) 3-Nitroaniline	14.510	138	182290	19.114	ng/ul	98
52) Acenaphthene	14.657	153	792594	18.627	ng/ul	100
53) 2,4-Dinitrophenol	14.716	184	84046	14.983	ng/ul	97
55) 4-Nitrophenol	14.810	109	110106	17.030	ng/ul	99
56) Dibenzofuran	14.992	168	1077725	18.868	ng/ul	99
57) 2,4-Dinitrotoluene	14.968	165	251473	19.363	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.216	232	201756	20.041	ng/ul	99
59) Diethylphthalate	15.427	149	926458	18.620	ng/ul	100
61) Fluorene	15.639	166	878062	19.139	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	418261	19.345	ng/ul	98
63) 4-Nitroaniline	15.668	138	184414	19.993	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.721	198	137078	16.495	ng/ul	96
67) N-Nitrosodiphenylamine	15.857	169	724447	19.526	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	234809	19.303	ng/ul	97
69) Hexachlorobenzene	16.633	284	276835	19.884	ng/ul	98
70) Atrazine	16.815	200	234085	19.261	ng/ul	97
71) Pentachlorophenol	16.986	266	165755	18.066	ng/ul	98
72) Phenanthrene	17.380	178	1351235	19.239	ng/ul	100
74) Anthracene	17.474	178	1388540	19.636	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	332046	19.375	ng/ul	99
76) Pentachlorobenzene	14.904	250	323281	19.760	ng/ul	98
77) Carbazole	17.751	167	1265041	19.025	ng/ul	99
78) Di-n-butylphthalate	18.327	149	1666642	19.797	ng/ul	100
80) Fluoranthene	19.398	202	1488173	19.879	ng/ul	99
82) Pyrene	19.762	202	1558115	19.846	ng/ul	99
83) Butylbenzylphthalate	20.680	149	707935	20.076	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	437882	18.868	ng/ul	99
85) Benzo(a)anthracene	21.515	228	1484355	19.182	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	1114889	20.650	ng/ul	99
87) Chrysene	21.574	228	1390443	19.116	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	1842701	19.403	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1430371	20.128	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	1383088	18.950	ng/ul	100
93) Benzo(a)pyrene	23.850	252	1328313	19.388	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.485	276	1562991	18.865	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	1313252	18.967	ng/ul	98
96) Benzo(g,h,i)perylene	27.262	276	1256781	18.752	ng/ul	99

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

