

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020224\
 Data File : BM043966.D
 Acq On : 02 Feb 2024 14:28
 Operator : MA/JU
 Sample : SSTD02089
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020008

Quant Time: Feb 02 15:21:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 02 15:20:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	276517	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	1192624	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	713815	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	1492786	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	1435233	20.000	ng/u1	0.00
88) Perylene-d12	23.921	264	1601688	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	59894	8.269	ng/uL	0.00
4) Pyridine-d5	3.769	84	401175	18.448	ng/u1	0.00
7) Phenol-d5	7.081	99	466146	17.135	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	306591	18.040	ng/u1	0.00
11) 2-Chlorophenol-d4	7.445	132	364695	18.455	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	356430	16.665	ng/u1	0.00
21) Nitrobenzene-d5	9.086	128	174283	18.065	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	169539	16.017	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	329927	17.191	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	534485	17.326	ng/u1	0.00
46) Dimethylphthalate-d6	13.986	166	985994	17.243	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1170557	17.889	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	193313	17.063	ng/u1	0.00
60) Fluorene-d10	15.557	176	859778	17.747	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	131860	13.339	ng/u1	0.00
73) Anthracene-d10	17.415	188	1329538	18.115	ng/u1	0.00
81) Pyrene-d10	19.709	212	1515005	17.735	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.768	264	1514175	17.755	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	62191	8.276	ng/uL	100
5) Pyridine	3.787	79	417161	18.676	ng/u1	100
6) Benzaldehyde	7.063	77	265716	24.508	ng/u1	100
8) Phenol	7.110	94	493570	17.899	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.351	93	400268	18.143	ng/u1	100
12) 2-Chlorophenol	7.475	128	381601	18.579	ng/u1	100
13) 2-Methylphenol	8.363	108	351513	16.841	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.445	45	571206	15.848	ng/u1	100
16) Acetophenone	8.745	105	605412	18.056	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.734	70	314244	17.296	ng/u1	100
18) 4-Methylphenol	8.692	108	385726	17.052	ng/u1	100
19) Hexachloroethane	8.992	117	167538	18.740	ng/u1	100
22) Nitrobenzene	9.128	77	445073	18.460	ng/u1	100
23) Isophorone	9.651	82	845224	17.343	ng/u1	100
25) 2-Nitrophenol	9.839	139	196891	17.360	ng/u1	100
26) 2,4-Dimethylphenol	9.898	107	399106	17.974	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.145	93	531254	18.172	ng/u1	100
29) 2,4-Dichlorophenol	10.369	162	334861	17.504	ng/u1	100
30) Naphthalene	10.775	128	1226984	18.275	ng/u1	100
32) 4-Chloroaniline	10.892	127	525288	17.503	ng/u1	100
33) Hexachlorobutadiene	11.045	225	206620	18.872	ng/u1	100
34) Caprolactam	11.663	113	104690	15.479	ng/u1	100
35) 4-Chloro-3-methylphenol	12.010	107	362426	17.216	ng/u1	100
36) 2-Methylnaphthalene	12.386	142	814292	17.534	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	807336	17.475	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.745	216	398987	19.154	ng/ul	100
40) Hexachlorocyclopentadiene	12.721	237	242724	17.176	ng/ul	100
41) 2,4,6-Trichlorophenol	12.992	196	253829	17.550	ng/ul	100
42) 2,4,5-Trichlorophenol	13.063	196	273557	17.800	ng/ul	100
43) 1,1'-Biphenyl	13.398	154	1044003	17.788	ng/ul	100
44) 2-Chloronaphthalene	13.439	162	829915	18.265	ng/ul	100
45) 2-Nitroaniline	13.651	65	246878	17.496	ng/ul	100
47) Dimethylphthalate	14.033	163	1013262	17.582	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	184904	16.442	ng/ul	100
50) Acenaphthylene	14.286	152	1369844	17.923	ng/ul	100
51) 3-Nitroaniline	14.474	138	208885	17.340	ng/ul	100
52) Acenaphthene	14.627	153	889538	17.568	ng/ul	100
53) 2,4-Dinitrophenol	14.680	184	83112	12.006	ng/ul	100
55) 4-Nitrophenol	14.780	109	158932	18.186	ng/ul	100
56) Dibenzofuran	14.963	168	1211414	17.748	ng/ul	100
57) 2,4-Dinitrotoluene	14.933	165	274264	16.584	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.186	232	228363	17.763	ng/ul	100
59) Diethylphthalate	15.398	149	1032596	16.868	ng/ul	100
61) Fluorene	15.615	166	1022128	17.567	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.615	204	494437	17.946	ng/ul	100
63) 4-Nitroaniline	15.639	138	212526	21.420	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.692	198	152682	14.256	ng/ul	100
67) N-Nitrosodiphenylamine	15.827	169	844058	17.863	ng/ul	100
68) 4-Bromophenyl-phenylether	16.509	248	285473	17.702	ng/ul	100
69) Hexachlorobenzene	16.609	284	330112	17.436	ng/ul	100
70) Atrazine	16.792	200	267516	15.774	ng/ul	100
71) Pentachlorophenol	16.956	266	189344	15.726	ng/ul	100
72) Phenanthrene	17.356	178	1570004	17.798	ng/ul	100
74) Anthracene	17.451	178	1605881	17.899	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.357	216	385620	18.819	ng/ul	100
76) Pentachlorobenzene	14.874	250	376083	18.138	ng/ul	100
77) Carbazole	17.727	167	1466981	17.605	ng/ul	100
78) Di-n-butylphthalate	18.303	149	1761042	15.850	ng/ul	100
80) Fluoranthene	19.380	202	1782107	17.193	ng/ul	100
82) Pyrene	19.739	202	1904813	17.695	ng/ul	100
83) Butylbenzylphthalate	20.662	149	759011	15.319	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.439	252	562378	17.223	ng/ul	100
85) Benzo(a)anthracene	21.497	228	1938813	18.291	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1159575	14.741	ng/ul	100
87) Chrysene	21.550	228	1774227	18.508	ng/ul	100
89) Di-n-octyl phthalate	22.397	149	1913461	13.851	ng/ul	100
90) Benzo(b)fluoranthene	23.191	252	1895085	17.530	ng/ul	100
91) Benzo(k)fluoranthene	23.238	252	1923823	17.994	ng/ul	100
93) Benzo(a)pyrene	23.815	252	1822133	18.277	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.426	276	2231344	19.377	ng/ul	100
95) Dibenzo(a,h)anthracene	26.450	278	1862019	19.471	ng/ul	100
96) Benzo(g,h,i)perylene	27.185	276	1785245	20.189	ng/ul	100

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

