

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
 Data File : BM044375.D
 Acq On : 27 Feb 2024 20:10
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020052

Quant Time: Feb 27 23:32:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 23:05:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	256742	20.000	ng/u1	0.00
20) Naphthalene-d8	10.745	136	1130703	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.580	164	651083	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	1336892	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1102044	20.000	ng/u1	0.00
88) Perylene-d12	23.944	264	1187159	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	58341	7.170	ng/uL	0.00
4) Pyridine-d5	3.781	84	410881	18.489	ng/u1	0.00
7) Phenol-d5	7.104	99	465121	18.911	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	296649	18.626	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	373108	20.142	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	357904	19.232	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	179190	19.491	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	196562	20.956	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	337734	20.412	ng/u1	0.00
31) 4-Chloroaniline-d4	10.892	131	526719	18.955	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	967157	19.261	ng/u1	0.00
49) Acenaphthylene-d8	14.274	160	1157391	20.033	ng/u1	0.00
54) 4-Nitrophenol-d4	14.786	143	181240	18.138	ng/u1	0.00
60) Fluorene-d10	15.574	176	840631	19.779	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	140530	16.941	ng/u1	0.00
73) Anthracene-d10	17.427	188	1265315	19.850	ng/u1	0.00
81) Pyrene-d10	19.727	212	1369431	20.655	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	1202137	19.762	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	61696	7.193	ng/uL	96
5) Pyridine	3.799	79	429922	18.492	ng/u1	97
6) Benzaldehyde	7.087	77	259387	24.296	ng/u1	97
8) Phenol	7.128	94	484502	18.951	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	396968	18.551	ng/u1	99
12) 2-Chlorophenol	7.498	128	382154	19.941	ng/u1	97
13) 2-Methylphenol	8.387	108	362633	19.253	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.469	45	532572	18.203	ng/u1	98
16) Acetophenone	8.775	105	584501	19.659	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.757	70	303893	20.404	ng/u1	98
18) 4-Methylphenol	8.716	108	387165	19.297	ng/u1	99
19) Hexachloroethane	9.010	117	159581	19.629	ng/u1	97
22) Nitrobenzene	9.151	77	426641	19.189	ng/u1	98
23) Isophorone	9.681	82	838707	19.464	ng/u1	99
25) 2-Nitrophenol	9.863	139	212290	20.407	ng/u1	98
26) 2,4-Dimethylphenol	9.922	107	388600	19.563	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.169	93	534902	19.095	ng/u1	100
29) 2,4-Dichlorophenol	10.392	162	337108	20.132	ng/u1	98
30) Naphthalene	10.792	128	1229476	19.119	ng/u1	100
32) 4-Chloroaniline	10.916	127	512382	18.922	ng/u1	98
33) Hexachlorobutadiene	11.069	225	196196	19.448	ng/u1	99
34) Caprolactam	11.698	113	107677	18.602	ng/u1	95
35) 4-Chloro-3-methylphenol	12.039	107	366995	20.571	ng/u1	97
36) 2-Methylnaphthalene	12.404	142	803335	19.613	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.627	142	790620	19.526	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.769	216	380031	19.717	ng/ul	98
40) Hexachlorocyclopentadiene	12.739	237	259941	20.045	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	257322	20.945	ng/ul	99
42) 2,4,5-Trichlorophenol	13.086	196	272187	20.495	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	1018716	19.219	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	812904	19.586	ng/ul	100
45) 2-Nitroaniline	13.674	65	231109	20.112	ng/ul	96
47) Dimethylphthalate	14.051	163	983906	19.171	ng/ul	100
48) 2,6-Dinitrotoluene	14.174	165	196024	20.424	ng/ul	96
50) Acenaphthylene	14.304	152	1351289	19.747	ng/ul	100
51) 3-Nitroaniline	14.498	138	208422	20.584	ng/ul	96
52) Acenaphthene	14.645	153	874039	19.347	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	110585	18.568	ng/ul	97
55) 4-Nitrophenol	14.804	109	126070	18.366	ng/ul	94
56) Dibenzofuran	14.980	168	1176679	19.403	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	284270	20.616	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.204	232	226444	21.186	ng/ul	97
59) Diethylphthalate	15.415	149	1039790	19.683	ng/ul	99
61) Fluorene	15.627	166	969338	19.901	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.627	204	459400	20.012	ng/ul	99
63) 4-Nitroaniline	15.663	138	212421	21.691	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.715	198	155191	17.102	ng/ul	100
67) N-Nitrosodiphenylamine	15.845	169	805185	19.874	ng/ul	99
68) 4-Bromophenyl-phenylether	16.527	248	270706	20.380	ng/ul	95
69) Hexachlorobenzene	16.621	284	307263	20.211	ng/ul	99
70) Atrazine	16.804	200	262397	19.772	ng/ul	97
71) Pentachlorophenol	16.974	266	192083	19.172	ng/ul	98
72) Phenanthrene	17.374	178	1470869	19.179	ng/ul	99
74) Anthracene	17.462	178	1520768	19.695	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.374	216	370176	19.781	ng/uL	98
76) Pentachlorobenzene	14.892	250	356918	19.978	ng/uL	99
77) Carbazole	17.739	167	1382517	19.041	ng/ul	100
78) Di-n-butylphthalate	18.315	149	1876755	20.415	ng/ul	100
80) Fluoranthene	19.392	202	1625107	20.437	ng/ul	98
82) Pyrene	19.756	202	1701910	20.409	ng/ul	98
83) Butylbenzylphthalate	20.674	149	799113	21.335	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.450	252	499157	20.249	ng/ul	99
85) Benzo(a)anthracene	21.509	228	1632244	19.859	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	1268536	22.121	ng/ul	99
87) Chrysene	21.568	228	1496882	19.375	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	2109801	20.743	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1541484	20.254	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	1545486	19.771	ng/ul	99
93) Benzo(a)pyrene	23.838	252	1455305	19.833	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	1723039	19.418	ng/ul	96
95) Dibenzo(a,h)anthracene	26.497	278	1435527	19.359	ng/ul	99
96) Benzo(g,h,i)perylene	27.238	276	1383090	19.269	ng/ul	98

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

