

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049462.D
 Acq On : 28 Jan 2025 10:13
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020079

Quant Time: Jan 28 13:49:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	176834	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.275	136	644384	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.151	164	409003	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.904	188	814979	20.000	ng/u1	-0.01
79) Chrysene-d12	21.133	240	825570	20.000	ng/u1	-0.01
88) Perylene-d12	23.915	264	870250	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	44716	10.462	ng/uL	0.00
4) Pyridine-d5	3.505	84	316902	23.292	ng/u1	0.00
7) Phenol-d5	6.710	99	328572	22.134	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	226373	22.902	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.051	132	260283	22.921	ng/u1	-0.01
15) 4-Methylphenol-d8	8.228	113	240080	20.856	ng/u1	-0.01
21) Nitrobenzene-d5	8.657	128	114993	23.402	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.369	143	128286	23.353	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.904	165	257645	22.985	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.416	131	317254	21.509	ng/u1	-0.01
46) Dimethylphthalate-d6	13.574	166	698709	22.953	ng/u1	-0.01
49) Acenaphthylene-d8	13.839	160	809759	23.301	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.380	143	109252	21.673	ng/u1	-0.01
60) Fluorene-d10	15.151	176	605802	23.036	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.280	200	111353	21.439	ng/u1	-0.01
73) Anthracene-d10	17.004	188	944547	23.445	ng/u1	-0.01
81) Pyrene-d10	19.309	212	1090691	21.708	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.727	264	1063307	22.761	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	47061	10.051	ng/uL	97
5) Pyridine	3.522	79	331252	24.084	ng/u1	99
6) Benzaldehyde	6.669	77	227539	28.432	ng/u1	97
8) Phenol	6.734	94	344751	22.338	ng/u1	100
10) Bis(2-Chloroethyl)ether	6.951	93	277409	22.072	ng/u1	97
12) 2-Chlorophenol	7.087	128	269247	22.811	ng/u1	99
13) 2-Methylphenol	7.963	108	238497	21.151	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.034	45	433118	22.994	ng/u1	99
16) Acetophenone	8.328	105	401435	21.353	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.316	70	217213	21.391	ng/u1	97
18) 4-Methylphenol	8.287	108	257748	20.863	ng/u1	97
19) Hexachloroethane	8.569	117	115905	22.853	ng/u1	96
22) Nitrobenzene	8.698	77	302725	23.780	ng/u1	100
23) Isophorone	9.222	82	547919	22.151	ng/u1	99
25) 2-Nitrophenol	9.404	139	142045	23.527	ng/u1	99
26) 2,4-Dimethylphenol	9.475	107	257803	22.816	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.704	93	342560	22.533	ng/u1	99
29) 2,4-Dichlorophenol	9.934	162	255362	22.866	ng/u1	99
30) Naphthalene	10.322	128	788785	23.065	ng/u1	99
32) 4-Chloroaniline	10.439	127	302343	21.496	ng/u1	100
33) Hexachlorobutadiene	10.616	225	187583	23.525	ng/u1	99
34) Caprolactam	11.210	113	68300	20.544	ng/u1	94
35) 4-Chloro-3-methylphenol	11.581	107	230732	22.096	ng/u1	99
36) 2-Methylnaphthalene	11.945	142	535912	21.900	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	531965	21.848	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.322	216	339360	23.971	ng/ul	99
40) Hexachlorocyclopentadiene	12.304	237	191257	22.517	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	209324	24.035	ng/ul	99
42) 2,4,5-Trichlorophenol	12.645	196	219862	23.554	ng/ul	99
43) 1,1'-Biphenyl	12.980	154	699748	23.367	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	570080	23.805	ng/ul	99
45) 2-Nitroaniline	13.233	65	152793	24.179	ng/ul	98
47) Dimethylphthalate	13.622	163	680614	22.602	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	125854	22.402	ng/ul	95
50) Acenaphthylene	13.869	152	832338	23.362	ng/ul	100
51) 3-Nitroaniline	14.069	138	126625	22.972	ng/ul	98
52) Acenaphthene	14.216	153	583631	22.928	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	71154	20.222	ng/ul	97
55) 4-Nitrophenol	14.398	109	82847	22.287	ng/ul	97
56) Dibenzofuran	14.557	168	844235	23.355	ng/ul	100
57) 2,4-Dinitrotoluene	14.533	165	187604	22.503	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.792	232	180282	22.864	ng/ul	96
59) Diethylphthalate	15.004	149	659272	22.464	ng/ul	100
61) Fluorene	15.210	166	693856	23.494	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.210	204	369143	22.934	ng/ul	99
63) 4-Nitroaniline	15.239	138	122041	24.607	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.298	198	125122	22.094	ng/ul#	99
67) N-Nitrosodiphenylamine	15.427	169	559317	23.130	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	210858	22.754	ng/ul	97
69) Hexachlorobenzene	16.215	284	242763	22.524	ng/ul	99
70) Atrazine	16.392	200	218557	22.108	ng/ul	99
71) Pentachlorophenol	16.563	266	145778	20.416	ng/ul	97
72) Phenanthrene	16.951	178	1051137	23.200	ng/ul	99
74) Anthracene	17.039	178	1059700	23.302	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	326198	23.949	ng/ul	99
76) Pentachlorobenzene	14.474	250	316848	23.306	ng/ul	99
77) Carbazole	17.315	167	928832	23.020	ng/ul	99
78) Di-n-butylphthalate	17.898	149	1110319	22.459	ng/ul	99
80) Fluoranthene	18.974	202	1228745	21.283	ng/ul	99
82) Pyrene	19.339	202	1340077	21.806	ng/ul	98
83) Butylbenzylphthalate	20.268	149	477187	21.932	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.056	252	363528	23.515	ng/ul	99
85) Benzo(a)anthracene	21.121	228	1337091	23.240	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	698960	21.600	ng/ul	99
87) Chrysene	21.174	228	1235454	23.522	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	1156457	18.242	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	1280334	21.981	ng/ul	100
91) Benzo(k)fluoranthene	23.103	252	1279519	22.031	ng/ul	100
93) Benzo(a)pyrene	23.786	252	1204016	22.884	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.997	276	1525440	25.275	ng/ul	100
95) Dibenzo(a,h)anthracene	27.050	278	1237817	25.181	ng/ul	98
96) Benzo(g,h,i)perylene	27.950	276	1160020	25.747	ng/ul	99

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

