

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049486.D
 Acq On : 29 Jan 2025 03:12
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020080

Quant Time: Jan 29 07:35:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	217625	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	796378	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	518767	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	1026485	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1019520	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1028758	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	48152	8.198	ng/uL	0.00
4) Pyridine-d5	3.505	84	359826	20.851	ng/u1	0.00
7) Phenol-d5	6.704	99	366079	20.730	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	257647	21.336	ng/u1	0.00
11) 2-Chlorophenol-d4	7.051	132	296365	21.687	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	273825	21.163	ng/u1	0.00
21) Nitrobenzene-d5	8.657	128	129019	21.177	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	144446	21.736	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	296810	21.887	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	357130	20.530	ng/u1	0.00
46) Dimethylphthalate-d6	13.575	166	809810	21.290	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	955253	21.375	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	118390	18.974	ng/u1	0.00
60) Fluorene-d10	15.151	176	714081	21.348	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.280	200	121541	18.790	ng/u1	0.00
73) Anthracene-d10	17.004	188	1101668	21.492	ng/u1	0.00
81) Pyrene-d10	19.309	212	1238565	20.781	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	1166192	21.254	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	52383	8.487	ng/uL	94
5) Pyridine	3.528	79	370709	20.946	ng/u1	97
6) Benzaldehyde	6.669	77	256501	26.446	ng/u1	97
8) Phenol	6.734	94	388818	20.976	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.951	93	314289	20.792	ng/u1	99
12) 2-Chlorophenol	7.081	128	306803	21.740	ng/u1	99
13) 2-Methylphenol	7.963	108	269632	20.758	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.034	45	509847	21.897	ng/u1	99
16) Acetophenone	8.328	105	463325	21.534	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.316	70	249101	22.075	ng/u1	99
18) 4-Methylphenol	8.287	108	291529	20.794	ng/u1	100
19) Hexachloroethane	8.569	117	134072	21.623	ng/u1	98
22) Nitrobenzene	8.693	77	348932	21.442	ng/u1	99
23) Isophorone	9.222	82	636416	21.871	ng/u1	99
25) 2-Nitrophenol	9.398	139	159531	21.620	ng/u1	98
26) 2,4-Dimethylphenol	9.475	107	294741	21.706	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.704	93	395081	21.678	ng/u1	98
29) 2,4-Dichlorophenol	9.928	162	298437	21.892	ng/u1	99
30) Naphthalene	10.322	128	899576	21.216	ng/u1	99
32) 4-Chloroaniline	10.439	127	345301	20.746	ng/u1	98
33) Hexachlorobutadiene	10.610	225	220623	21.589	ng/u1	98
34) Caprolactam	11.210	113	76774	20.416	ng/u1	90
35) 4-Chloro-3-methylphenol	11.581	107	262115	22.254	ng/u1	99
36) 2-Methylnaphthalene	11.939	142	628920	21.749	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	614627	21.560	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.316	216	394571	20.634	ng/ul	99
40) Hexachlorocyclopentadiene	12.298	237	220049	19.615	ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	236574	20.978	ng/ul	99
42) 2,4,5-Trichlorophenol	12.645	196	252789	21.328	ng/ul	98
43) 1,1'-Biphenyl	12.975	154	824916	20.958	ng/ul	99
44) 2-Chloronaphthalene	13.010	162	669872	20.992	ng/ul	99
45) 2-Nitroaniline	13.227	65	169455	21.139	ng/ul	99
47) Dimethylphthalate	13.622	163	801148	21.203	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	146901	21.617	ng/ul	99
50) Acenaphthylene	13.869	152	966393	21.048	ng/ul	100
51) 3-Nitroaniline	14.069	138	139278	20.633	ng/ul	99
52) Acenaphthene	14.216	153	688013	20.989	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	70121	16.688	ng/ul	92
55) 4-Nitrophenol	14.392	109	89480	19.600	ng/ul	94
56) Dibenzofuran	14.551	168	990542	21.193	ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	220320	21.681	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.786	232	207592	21.507	ng/ul	98
59) Diethylphthalate	14.998	149	772186	21.528	ng/ul	99
61) Fluorene	15.210	166	818626	21.675	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.210	204	438975	21.428	ng/ul	97
63) 4-Nitroaniline	15.239	138	140676	22.568	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.298	198	138003	19.465	ng/ul	100
67) N-Nitrosodiphenylamine	15.427	169	659612	21.556	ng/ul	99
68) 4-Bromophenyl-phenylether	16.104	248	249087	21.251	ng/ul	95
69) Hexachlorobenzene	16.210	284	287399	21.234	ng/ul	95
70) Atrazine	16.392	200	252952	21.002	ng/ul	99
71) Pentachlorophenol	16.563	266	166770	19.568	ng/ul	99
72) Phenanthrene	16.945	178	1220309	21.119	ng/ul	100
74) Anthracene	17.039	178	1229708	21.129	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.933	216	385635	20.786	ng/uL	99
76) Pentachlorobenzene	14.474	250	377199	21.263	ng/uL	98
77) Carbazole	17.315	167	1080663	20.775	ng/ul	100
78) Di-n-butylphthalate	17.892	149	1254419	21.113	ng/ul	99
80) Fluoranthene	18.974	202	1424129	20.921	ng/ul	100
82) Pyrene	19.339	202	1521536	20.773	ng/ul	99
83) Butylbenzylphthalate	20.268	149	518840	21.034	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.056	252	418638	21.626	ng/ul	98
85) Benzo(a)anthracene	21.121	228	1517037	21.183	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	786717	21.706	ng/ul	100
87) Chrysene	21.174	228	1391463	20.921	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1228154	19.516	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	1422291	21.329	ng/ul	100
91) Benzo(k)fluoranthene	23.097	252	1433729	21.278	ng/ul	99
93) Benzo(a)pyrene	23.780	252	1322294	21.138	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.997	276	1649893	21.280	ng/ul	100
95) Dibenzo(a,h)anthracene	27.044	278	1347484	21.448	ng/ul	99
96) Benzo(g,h,i)perylene	27.956	276	1268350	21.515	ng/ul	99

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

Abundance

TIC: BM049486.D\data.ms

Time-->

1,4-Dioxane-d8,S
Pyridine-d5,S
Bis(2-chlorophenyl)methane-d8,S
Phenanthrene-d8,S
1,4-Dichlorobenzene-d4,I
2,2,4,4-Tetramethylpropane
4-Methylphenol-d8,S
Acetophenone
N,N-Dimethylacetamide
Isophorone
2,4-Dimethylphenol
Bis(2-chlorophenyl)methane-d8,S
4-Chlorophenol
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylnaphthalene
Hexachlorocyclopentadiene
2,4,6-Trichlorophenol,C
2-Nitroaniline
2,6-Dinitroaniline
3-Nitroaniline
2,4,6-Trinitrophenol
4-Methylphenol
2,3,4,5-Tetrachlorophenol
4-Tetrachlorophenol
N-Nitrosodiphenylamine
Fluorene-d10,S
N-Nitrosodiphenylamine
4-Bromophenylphenylether
Pentachlorophenol,C
Alfazine
Carbazole
Di-n-butylphthalate
Fluoranthene
Pyrene-d10,SPyrene
Butylbenzylphthalate
2,2'-Dibenzobenzidine
Chrysene-d12,S
2-Ethylhexylphthalate
Benzo(a)anthracene
Di-n-octyl phthalate
Benzo(b)fluoranthene
Benzo(a)pyrene
Perylene-3,4,9,10-tetracarboxylic diimide
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene