

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049465.D
 Acq On : 28 Jan 2025 12:10
 Operator : RC/JU
 Sample : SSTD02074
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020015

Quant Time: Jan 28 13:58:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 13:51:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	168328	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	607729	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	380830	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	752424	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	752287	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	776678	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	41809	9.989	ng/uL	0.00
4) Pyridine-d5	3.511	84	301466	23.092	ng/u1	0.00
7) Phenol-d5	6.710	99	303582	21.538	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	215502	22.875	ng/u1	0.00
11) 2-Chlorophenol-d4	7.051	132	247345	22.861	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	220983	20.550	ng/u1	0.00
21) Nitrobenzene-d5	8.657	128	107543	23.015	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	118396	22.791	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	240545	22.742	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	293895	21.271	ng/u1	0.00
46) Dimethylphthalate-d6	13.575	166	642708	22.654	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	748652	23.002	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	95090	20.508	ng/u1	0.00
60) Fluorene-d10	15.151	176	571033	23.185	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.280	200	98931	20.597	ng/u1	0.00
73) Anthracene-d10	17.004	188	867346	23.157	ng/u1	0.00
81) Pyrene-d10	19.310	212	997607	21.937	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	948567	22.708	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	46009	9.981	ng/uL	100
5) Pyridine	3.528	79	316370	23.752	ng/u1	100
6) Benzaldehyde	6.669	77	215458	28.085	ng/u1	100
8) Phenol	6.734	94	322998	21.948	ng/u1	100
10) Bis(2-Chloroethyl)ether	6.952	93	267459	22.362	ng/u1	100
12) 2-Chlorophenol	7.087	128	252958	22.537	ng/u1	100
13) 2-Methylphenol	7.963	108	221497	20.895	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.034	45	418311	23.238	ng/u1	100
16) Acetophenone	8.328	105	378474	21.514	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.316	70	201816	21.434	ng/u1	100
18) 4-Methylphenol	8.287	108	239678	20.688	ng/u1	100
19) Hexachloroethane	8.569	117	110072	22.761	ng/u1	100
22) Nitrobenzene	8.698	77	285338	23.441	ng/u1	100
23) Isophorone	9.222	82	509432	21.993	ng/u1	100
25) 2-Nitrophenol	9.404	139	130489	22.828	ng/u1	100
26) 2,4-Dimethylphenol	9.475	107	240278	22.515	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.704	93	322822	22.495	ng/u1	100
29) 2,4-Dichlorophenol	9.934	162	244281	23.042	ng/u1	100
30) Naphthalene	10.322	128	733886	22.627	ng/u1	100
32) 4-Chloroaniline	10.445	127	280916	21.319	ng/u1	100
33) Hexachlorobutadiene	10.610	225	180784	23.653	ng/u1	100
34) Caprolactam	11.216	113	62093	20.422	ng/u1	100
35) 4-Chloro-3-methylphenol	11.581	107	207187	21.475	ng/u1	100
36) 2-Methylnaphthalene	11.945	142	501812	21.897	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	496495	21.827	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.322	216	320390	23.647	ng/ul	100
40) Hexachlorocyclopentadiene	12.304	237	181335	22.242	ng/ul	100
41) 2,4,6-Trichlorophenol	12.575	196	192650	23.404	ng/ul	100
42) 2,4,5-Trichlorophenol	12.645	196	200529	22.900	ng/ul	100
43) 1,1'-Biphenyl	12.981	154	652320	23.121	ng/ul	100
44) 2-Chloronaphthalene	13.016	162	537322	23.630	ng/ul	100
45) 2-Nitroaniline	13.233	65	136912	23.175	ng/ul	100
47) Dimethylphthalate	13.622	163	631905	22.521	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	115162	22.254	ng/ul	100
50) Acenaphthylene	13.869	152	768891	22.990	ng/ul	100
51) 3-Nitroaniline	14.069	138	109521	21.602	ng/ul	100
52) Acenaphthene	14.216	153	545697	22.881	ng/ul	100
53) 2,4-Dinitrophenol	14.280	184	57495	17.874	ng/ul	100
55) 4-Nitrophenol	14.392	109	71712	20.955	ng/ul	100
56) Dibenzofuran	14.557	168	793181	23.326	ng/ul	100
57) 2,4-Dinitrotoluene	14.533	165	172249	22.485	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.786	232	163152	22.309	ng/ul	100
59) Diethylphthalate	14.998	149	604957	22.300	ng/ul	100
61) Fluorene	15.210	166	644925	23.430	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.210	204	347750	23.066	ng/ul	100
63) 4-Nitroaniline	15.239	138	109851	24.155	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.298	198	110429	21.054	ng/ul	100
67) N-Nitrosodiphenylamine	15.427	169	520548	23.107	ng/ul	100
68) 4-Bromophenyl-phenylether	16.110	248	199211	22.962	ng/ul	100
69) Hexachlorobenzene	16.216	284	226557	22.552	ng/ul	100
70) Atrazine	16.392	200	199902	21.904	ng/ul	100
71) Pentachlorophenol	16.563	266	128625	19.687	ng/ul	100
72) Phenanthrene	16.945	178	974908	23.098	ng/ul	100
74) Anthracene	17.039	178	981913	23.204	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	310305	23.901	ng/ul	100
76) Pentachlorobenzene	14.475	250	298718	23.329	ng/ul	100
77) Carbazole	17.316	167	857139	22.856	ng/ul	100
78) Di-n-butylphthalate	17.898	149	1008362	22.287	ng/ul	100
80) Fluoranthene	18.974	202	1138102	21.807	ng/ul	100
82) Pyrene	19.339	202	1226503	22.026	ng/ul	100
83) Butylbenzylphthalate	20.268	149	419538	21.528	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.056	252	331648	23.316	ng/ul	100
85) Benzo(a)anthracene	21.115	228	1210451	22.915	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	627407	21.641	ng/ul	100
87) Chrysene	21.174	228	1134647	23.405	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	1013082	18.702	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1165054	22.446	ng/ul	100
91) Benzo(k)fluoranthene	23.098	252	1147396	22.372	ng/ul	100
93) Benzo(a)pyrene	23.780	252	1086739	23.021	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.991	276	1344100	24.082	ng/ul	100
95) Dibenzo(a,h)anthracene	27.050	278	1090402	24.038	ng/ul	100
96) Benzo(g,h,i)perylene	27.950	276	1019689	24.346	ng/ul	100

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

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