

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041525\
 Data File : BN036913.D
 Acq On : 15 Apr 2025 12:17
 Operator : RC/JU
 Sample : SSTD02019
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020212

Quant Time: Apr 15 14:57:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 15 14:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	80238	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	356842	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	241823	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	479431	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	450161	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	411074	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	17287	8.478	ng/uL	0.00
4) Pyridine-d5	3.522	84	124120	20.162	ng/u1	0.00
7) Phenol-d5	6.805	99	142963	19.160	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	107452	20.205	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	106890	20.275	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	119330	19.380	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	56762	20.643	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	60322	20.715	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	109823	20.837	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	163882	20.151	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	371567	20.772	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	413063	20.755	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	70849	19.997	ng/u1	0.00
60) Fluorene-d10	15.281	176	307669	20.476	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	61932	19.177	ng/u1	0.00
73) Anthracene-d10	17.128	188	484810	20.825	ng/u1	0.00
81) Pyrene-d10	19.428	212	541588	21.969	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	432046	21.423	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	18731	8.328	ng/uL	100
5) Pyridine	3.540	79	128711	20.082	ng/u1	100
6) Benzaldehyde	6.775	77	95099	22.455	ng/u1	100
8) Phenol	6.828	94	152256	19.148	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.058	93	125729	20.142	ng/u1	100
12) 2-Chlorophenol	7.193	128	112877	20.320	ng/u1	100
13) 2-Methylphenol	8.075	108	110851	19.270	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.152	45	248898	20.715	ng/u1	100
16) Acetophenone	8.452	105	198563	19.201	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.440	70	119087	20.325	ng/u1	100
18) 4-Methylphenol	8.405	108	127438	19.430	ng/u1	100
19) Hexachloroethane	8.699	117	53702	20.959	ng/u1	100
22) Nitrobenzene	8.822	77	177970	21.112	ng/u1	100
23) Isophorone	9.352	82	314412	20.308	ng/u1	100
25) 2-Nitrophenol	9.534	139	67390	20.721	ng/u1	100
26) 2,4-Dimethylphenol	9.599	107	147246	21.358	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.834	93	176363	20.216	ng/u1	100
29) 2,4-Dichlorophenol	10.063	162	113844	20.809	ng/u1	100
30) Naphthalene	10.463	128	388769	20.203	ng/u1	100
32) 4-Chloroaniline	10.575	127	157964	20.071	ng/u1	100
33) Hexachlorobutadiene	10.752	225	76257	21.114	ng/u1	100
34) Caprolactam	11.346	113	37088	17.127	ng/u1	100
35) 4-Chloro-3-methylphenol	11.710	107	143041	20.930	ng/u1	100
36) 2-Methylnaphthalene	12.081	142	276421	20.581	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	277751	20.442	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	141053	21.022	ng/ul	100
40) Hexachlorocyclopentadiene	12.440	237	80777	20.518	ng/ul	100
41) 2,4,6-Trichlorophenol	12.704	196	93384	21.159	ng/ul	100
42) 2,4,5-Trichlorophenol	12.775	196	101389	21.090	ng/ul	100
43) 1,1'-Biphenyl	13.110	154	363258	20.672	ng/ul	100
44) 2-Chloronaphthalene	13.145	162	281229	20.674	ng/ul	100
45) 2-Nitroaniline	13.357	65	120588	21.860	ng/ul	100
47) Dimethylphthalate	13.745	163	365088	20.308	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	72379	20.638	ng/ul	100
50) Acenaphthylene	13.998	152	434767	20.258	ng/ul	100
51) 3-Nitroaniline	14.187	138	76475	20.232	ng/ul	100
52) Acenaphthene	14.345	153	319973	20.473	ng/ul	100
53) 2,4-Dinitrophenol	14.398	184	41877	17.469	ng/ul	100
55) 4-Nitrophenol	14.498	109	81323	22.775	ng/ul	100
56) Dibenzofuran	14.681	168	439941	20.508	ng/ul	100
57) 2,4-Dinitrotoluene	14.651	165	109563	20.516	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	82006	20.508	ng/ul	100
59) Diethylphthalate	15.116	149	396484	21.071	ng/ul	100
61) Fluorene	15.334	166	365766	20.588	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	170289	20.254	ng/ul	100
63) 4-Nitroaniline	15.357	138	78387	21.305	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.416	198	67407	19.577	ng/ul	100
67) N-Nitrosodiphenylamine	15.545	169	299411	20.727	ng/ul	100
68) 4-Bromophenyl-phenylether	16.228	248	99493	21.399	ng/ul	100
69) Hexachlorobenzene	16.339	284	104272	20.369	ng/ul	100
70) Atrazine	16.504	200	115280	21.605	ng/ul	100
71) Pentachlorophenol	16.681	266	71555	20.230	ng/ul	100
72) Phenanthrene	17.069	178	570241	20.824	ng/ul	100
74) Anthracene	17.163	178	570959	20.578	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	141517	21.635	ng/uL	100
76) Pentachlorobenzene	14.604	250	132582	20.339	ng/uL	100
77) Carbazole	17.433	167	522589	20.879	ng/ul	100
78) Di-n-butylphthalate	18.004	149	670222	21.341	ng/ul	100
80) Fluoranthene	19.092	202	632216	22.055	ng/ul	100
82) Pyrene	19.457	202	690392	22.066	ng/ul	100
83) Butylbenzylphthalate	20.369	149	283166	21.944	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.174	252	170947	21.175	ng/ul	100
85) Benzo(a)anthracene	21.245	228	634818	20.712	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.180	149	402596	21.530	ng/ul	100
87) Chrysene	21.304	228	601974	20.521	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	576612	20.911	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	545621	21.766	ng/ul	100
91) Benzo(k)fluoranthene	23.304	252	548605	21.664	ng/ul	100
93) Benzo(a)pyrene	24.021	252	489324	20.694	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.404	276	501010	17.962	ng/ul	100
95) Dibenzo(a,h)anthracene	27.462	278	407423	18.238	ng/ul	100
96) Benzo(g,h,i)perylene	28.415	276	370081	17.208	ng/ul	100

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

