

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041525\
 Data File : BN036921.D
 Acq On : 15 Apr 2025 18:09
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020366

Quant Time: Apr 15 18:36:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 15 15:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	77209	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	355182	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	249453	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	507060	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	466263	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	431412	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	15485	8.066	ng/uL	0.00
4) Pyridine-d5	3.522	84	117285	20.118	ng/u1	0.00
7) Phenol-d5	6.805	99	136931	20.178	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	101016	20.379	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	105485	21.561	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	113991	20.516	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	55002	20.080	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	60571	21.031	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	113303	21.364	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	165000	20.766	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	379819	20.717	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	430256	21.251	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	71123	20.357	ng/u1	0.00
60) Fluorene-d10	15.281	176	321453	21.016	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	64302	19.204	ng/u1	0.00
73) Anthracene-d10	17.128	188	504143	20.672	ng/u1	0.00
81) Pyrene-d10	19.427	212	567011	20.718	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	449600	20.779	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	16969	7.797	ng/uL	97
5) Pyridine	3.540	79	122777	20.376	ng/u1	98
6) Benzaldehyde	6.775	77	92046	26.833	ng/u1	95
8) Phenol	6.828	94	146712	20.290	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.058	93	116564	20.315	ng/u1	99
12) 2-Chlorophenol	7.193	128	109621	21.093	ng/u1	96
13) 2-Methylphenol	8.075	108	105816	20.232	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.152	45	230871	20.438	ng/u1	98
16) Acetophenone	8.452	105	195738	21.245	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	114213	21.390	ng/u1	97
18) 4-Methylphenol	8.405	108	123281	20.886	ng/u1	97
19) Hexachloroethane	8.699	117	53874	21.349	ng/u1	97
22) Nitrobenzene	8.822	77	172752	20.463	ng/u1	97
23) Isophorone	9.352	82	301521	20.595	ng/u1	99
25) 2-Nitrophenol	9.534	139	66345	20.936	ng/u1	96
26) 2,4-Dimethylphenol	9.599	107	147370	21.009	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	172458	20.525	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	113592	20.905	ng/u1	95
30) Naphthalene	10.463	128	389660	20.795	ng/u1	99
32) 4-Chloroaniline	10.575	127	159781	21.093	ng/u1	96
33) Hexachlorobutadiene	10.751	225	77264	20.996	ng/u1	96
34) Caprolactam	11.346	113	37837m	20.624	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	142620	21.402	ng/u1	97
36) 2-Methylnaphthalene	12.081	142	277476	21.031	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	279410	21.272	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	143970	20.232	ng/ul	99
40) Hexachlorocyclopentadiene	12.440	237	84753	19.678	ng/ul	94
41) 2,4,6-Trichlorophenol	12.704	196	95413	20.988	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	105875	21.387	ng/ul	97
43) 1,1'-Biphenyl	13.110	154	373496	20.493	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	293682	21.117	ng/ul	98
45) 2-Nitroaniline	13.357	65	123902	21.266	ng/ul	99
47) Dimethylphthalate	13.745	163	376751	20.673	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	73506	20.800	ng/ul	99
50) Acenaphthylene	13.998	152	444985	20.738	ng/ul	99
51) 3-Nitroaniline	14.187	138	77427	21.685	ng/ul	99
52) Acenaphthene	14.345	153	327654	20.731	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	45045	19.306	ng/ul	96
55) 4-Nitrophenol	14.504	109	84026	21.472	ng/ul	97
56) Dibenzofuran	14.681	168	455177	20.745	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	110827	20.757	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.910	232	90172	21.482	ng/ul	98
59) Diethylphthalate	15.116	149	407407	20.830	ng/ul	98
61) Fluorene	15.334	166	373998	20.864	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.334	204	183908	21.258	ng/ul	98
63) 4-Nitroaniline	15.357	138	79306	23.083	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.416	198	71485	19.860	ng/ul	100
67) N-Nitrosodiphenylamine	15.545	169	319055	20.751	ng/ul	96
68) 4-Bromophenyl-phenylether	16.228	248	101220	20.474	ng/ul	99
69) Hexachlorobenzene	16.339	284	109065	20.610	ng/ul	96
70) Atrazine	16.504	200	117641	20.257	ng/ul	98
71) Pentachlorophenol	16.681	266	74682	19.633	ng/ul	96
72) Phenanthrene	17.069	178	592504	20.829	ng/ul	98
74) Anthracene	17.163	178	607012	21.060	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.075	216	151020	20.954	ng/uL	89
76) Pentachlorobenzene	14.604	250	138263	20.804	ng/uL	92
77) Carbazole	17.433	167	546449	20.814	ng/ul	100
78) Di-n-butylphthalate	18.010	149	703125	21.202	ng/ul	99
80) Fluoranthene	19.092	202	662177	20.397	ng/ul	98
82) Pyrene	19.457	202	718010	20.613	ng/ul	98
83) Butylbenzylphthalate	20.369	149	291157	21.066	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.174	252	178035	21.475	ng/ul	97
85) Benzo(a)anthracene	21.245	228	667510	21.243	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	401982	20.332	ng/ul#	98
87) Chrysene	21.304	228	626178	21.164	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	582976	17.620	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	565949	20.948	ng/ul	99
91) Benzo(k)fluoranthene	23.304	252	548052	20.149	ng/ul	99
93) Benzo(a)pyrene	24.021	252	512608	21.006	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.404	276	528255	19.374	ng/ul	96
95) Dibenzo(a,h)anthracene	27.456	278	432631	19.501	ng/ul	95
96) Benzo(g,h,i)perylene	28.421	276	402762	19.377	ng/ul	96

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

