

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
 Data File : BN036154.D
 Acq On : 31 Jan 2025 05:29
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020360

Quant Time: Jan 31 07:38:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 30 17:36:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	106763	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	439773	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	291602	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	599298	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	558549	20.000	ng/u1	0.00
88) Perylene-d12	24.456	264	503585	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	22038	8.411	ng/uL	0.00
4) Pyridine-d5	3.669	84	156618	20.986	ng/u1	0.00
7) Phenol-d5	6.981	99	193313	21.851	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.122	67	127166	22.399	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	152443	22.009	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	162632	22.882	ng/u1	0.00
21) Nitrobenzene-d5	8.945	128	78959	22.364	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	90044	22.478	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	157808	21.818	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.722	131	220556	23.210	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	499884	22.731	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	541356	22.109	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	85460	22.518	ng/u1	-0.01
60) Fluorene-d10	15.428	176	400035	21.732	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	84504	21.305	ng/u1	0.00
73) Anthracene-d10	17.280	188	645482	22.172	ng/u1	0.00
81) Pyrene-d10	19.574	212	797803	23.983	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.251	264	576363	21.766	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	24444	8.734	ng/uL	97
5) Pyridine	3.687	79	161980	21.371	ng/u1	94
6) Benzaldehyde	6.934	77	144678	27.389	ng/u1	96
8) Phenol	7.010	94	202631	22.185	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.216	93	165360	23.038	ng/u1	97
12) 2-Chlorophenol	7.369	128	156255	22.131	ng/u1	99
13) 2-Methylphenol	8.251	108	152023	22.541	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	260427	23.770	ng/u1	97
16) Acetophenone	8.610	105	267774	23.108	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.598	70	141472	23.187	ng/u1	98
18) 4-Methylphenol	8.581	108	169273	23.003	ng/u1	87
19) Hexachloroethane	8.875	117	72914	22.354	ng/u1	95
22) Nitrobenzene	8.987	77	216182	22.216	ng/u1	100
23) Isophorone	9.522	82	390077	22.618	ng/u1	99
25) 2-Nitrophenol	9.698	139	95553	22.293	ng/u1	98
26) 2,4-Dimethylphenol	9.775	107	195290	22.363	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.998	93	224512	22.179	ng/u1	96
29) 2,4-Dichlorophenol	10.251	162	155452	21.333	ng/u1	96
30) Naphthalene	10.640	128	522798	22.096	ng/u1	100
32) 4-Chloroaniline	10.745	127	212469	23.165	ng/u1	96
33) Hexachlorobutadiene	10.928	225	112805	21.207	ng/u1	96
34) Caprolactam	11.522	113	54204	22.984	ng/u1	96
35) 4-Chloro-3-methylphenol	11.898	107	188890	22.564	ng/u1	98
36) 2-Methylnaphthalene	12.251	142	371344	22.391	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	374840	23.006	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	212917	22.851	ng/ul	95
40) Hexachlorocyclopentadiene	12.610	237	118963	22.874	ng/ul	94
41) 2,4,6-Trichlorophenol	12.869	196	137091	22.819	ng/ul	96
42) 2,4,5-Trichlorophenol	12.957	196	147780	22.730	ng/ul	96
43) 1,1'-Biphenyl	13.269	154	496496	22.938	ng/ul	99
44) 2-Chloronaphthalene	13.310	162	389929	22.914	ng/ul	97
45) 2-Nitroaniline	13.510	65	138793	23.920	ng/ul	96
47) Dimethylphthalate	13.892	163	497343	22.584	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	100614	23.166	ng/ul	97
50) Acenaphthylene	14.157	152	562572	21.833	ng/ul	99
51) 3-Nitroaniline	14.339	138	101662	23.360	ng/ul	95
52) Acenaphthene	14.498	153	406784	21.930	ng/ul	97
53) 2,4-Dinitrophenol	14.539	184	56599	20.740	ng/ul	91
55) 4-Nitrophenol	14.686	109	89345	22.080	ng/ul	97
56) Dibenzofuran	14.833	168	565805	22.034	ng/ul	100
57) 2,4-Dinitrotoluene	14.792	165	146631	22.562	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	118976	21.922	ng/ul#	99
59) Diethylphthalate	15.263	149	501300	22.067	ng/ul	99
61) Fluorene	15.486	166	453773	21.791	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.480	204	229805	21.344	ng/ul	98
63) 4-Nitroaniline	15.504	138	105146	24.695	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.563	198	90011	21.371	ng/ul	96
67) N-Nitrosodiphenylamine	15.692	169	393876	21.654	ng/ul	97
68) 4-Bromophenyl-phenylether	16.375	248	138323	21.543	ng/ul	98
69) Hexachlorobenzene	16.492	284	155536	22.205	ng/ul	96
70) Atrazine	16.645	200	158976	22.175	ng/ul	100
71) Pentachlorophenol	16.839	266	101405	21.208	ng/ul	97
72) Phenanthrene	17.222	178	728959	21.695	ng/ul	99
74) Anthracene	17.316	178	746132	22.067	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	210232	22.541	ng/uL	99
76) Pentachlorobenzene	14.757	250	193017	21.182	ng/uL#	89
77) Carbazole	17.586	167	660881	22.281	ng/ul	95
78) Di-n-butylphthalate	18.151	149	860393	21.777	ng/ul	99
80) Fluoranthene	19.239	202	922035	23.728	ng/ul	99
82) Pyrene	19.604	202	961527	23.342	ng/ul	97
83) Butylbenzylphthalate	20.510	149	393116	22.192	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.333	252	233603	23.682	ng/ul	99
85) Benzo(a)anthracene	21.410	228	855189	22.270	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.339	149	564157	22.167	ng/ul	99
87) Chrysene	21.474	228	808093	22.194	ng/ul	98
89) Di-n-octyl phthalate	22.486	149	935806	22.613	ng/ul	100
90) Benzo(b)fluoranthene	23.498	252	744086	22.346	ng/ul	100
91) Benzo(k)fluoranthene	23.562	252	738434	22.272	ng/ul	100
93) Benzo(a)pyrene	24.309	252	647893	22.262	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.880	276	669037	21.128	ng/ul	98
95) Dibenzo(a,h)anthracene	27.939	278	545415	21.596	ng/ul	96
96) Benzo(g,h,i)perylene	28.939	276	515780	21.401	ng/ul	99

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

