

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
 Data File : BN036151.D
 Acq On : 31 Jan 2025 02:52
 Operator : RC/JU
 Sample : Q1192-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A44T8MSD

Quant Time: Jan 31 07:36:50 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	101593	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	427347	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	291645	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	597628	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	592068	20.000	ng/u1	0.00
88) Perylene-d12	24.463	264	547783	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	12174	4.883	ng/uL	0.00
4) Pyridine-d5	3.670	84	63754	8.978	ng/u1	0.00
7) Phenol-d5	6.987	99	73686	8.753	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	182883	33.852	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	197710	29.997	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	145048	21.447	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	114827	33.469	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	134241	34.485	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	234351	33.342	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	263836	28.572	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	827967	37.645	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	856635	34.980	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	40792	10.747	ng/u1	-0.01
60) Fluorene-d10	15.434	176	692700	37.626	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	158216	40.000	ng/u1	0.00
73) Anthracene-d10	17.281	188	1097881	37.817	ng/u1	0.00
81) Pyrene-d10	19.580	212	1307364	37.077	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.257	264	1167041	40.517	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	15646	5.875	ng/uL	96
5) Pyridine	3.693	79	69564	9.645	ng/u1	96
6) Benzaldehyde	6.934	77	118605	23.596	ng/u1	98
8) Phenol	7.016	94	83879	9.651	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.216	93	236035	34.558	ng/u1	98
12) 2-Chlorophenol	7.369	128	208568	31.044	ng/u1	98
13) 2-Methylphenol	8.258	108	162970	25.394	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	363460	34.862	ng/u1	99
16) Acetophenone	8.616	105	397674	36.064	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.605	70	216054	37.213	ng/u1	99
18) 4-Methylphenol	8.581	108	157704	22.522	ng/u1	100
19) Hexachloroethane	8.875	117	74280	23.932	ng/u1	97
22) Nitrobenzene	8.993	77	323178	34.178	ng/u1	99
23) Isophorone	9.522	82	598895	35.736	ng/u1	99
25) 2-Nitrophenol	9.705	139	145522	34.938	ng/u1	98
26) 2,4-Dimethylphenol	9.775	107	242815	28.613	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.999	93	341807	34.748	ng/u1	99
29) 2,4-Dichlorophenol	10.252	162	241002	34.034	ng/u1	98
30) Naphthalene	10.640	128	710848	30.918	ng/u1	100
32) 4-Chloroaniline	10.746	127	157810	17.706	ng/u1	100
33) Hexachlorobutadiene	10.928	225	136524	26.413	ng/u1	97
34) Caprolactam	11.534	113	11427	4.986	ng/u1	96
35) 4-Chloro-3-methylphenol	11.893	107	284582	34.983	ng/u1	99
36) 2-Methylnaphthalene	12.251	142	542682	33.673	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	552016	34.866	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.622	216	316276	33.939	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	125189	24.068	ng/ul	98
41) 2,4,6-Trichlorophenol	12.869	196	222765	37.074	ng/ul	92
42) 2,4,5-Trichlorophenol	12.957	196	241639	37.161	ng/ul	94
43) 1,1'-Biphenyl	13.269	154	748646	34.583	ng/ul	99
44) 2-Chloronaphthalene	13.310	162	595403	34.983	ng/ul	97
45) 2-Nitroaniline	13.516	65	236741	40.795	ng/ul	99
47) Dimethylphthalate	13.898	163	832987	37.819	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	173789	40.008	ng/ul	96
50) Acenaphthylene	14.157	152	946907	36.744	ng/ul	98
51) 3-Nitroaniline	14.340	138	161491	37.103	ng/ul	95
52) Acenaphthene	14.504	153	681623	36.742	ng/ul	97
53) 2,4-Dinitrophenol	14.545	184	117196	42.938	ng/ul	95
55) 4-Nitrophenol	14.693	109	45599	11.267	ng/ul	99
56) Dibenzofuran	14.840	168	965856	37.607	ng/ul	94
57) 2,4-Dinitrotoluene	14.798	165	268469	41.304	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	214732	39.560	ng/ul#	99
59) Diethylphthalate	15.263	149	906609	39.903	ng/ul	99
61) Fluorene	15.487	166	799169	38.372	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.481	204	401525	37.287	ng/ul	97
63) 4-Nitroaniline	15.510	138	188703	44.313	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.563	198	172440	41.055	ng/ul	99
67) N-Nitrosodiphenylamine	15.692	169	697657	38.462	ng/ul	97
68) 4-Bromophenyl-phenylether	16.375	248	240900	37.623	ng/ul	82
69) Hexachlorobenzene	16.492	284	267055	38.232	ng/ul	93
70) Atrazine	16.651	200	246363	34.460	ng/ul	99
71) Pentachlorophenol	16.839	266	192781	40.431	ng/ul	95
72) Phenanthrene	17.228	178	1306751	38.999	ng/ul	99
74) Anthracene	17.316	178	1295987	38.436	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	315951	33.970	ng/uL	97
76) Pentachlorobenzene	14.757	250	328902	36.195	ng/uL	93
77) Carbazole	17.586	167	1219773	41.239	ng/ul	97
78) Di-n-butylphthalate	18.157	149	1567762	39.792	ng/ul	100
80) Fluoranthene	19.245	202	1557328	37.809	ng/ul	97
82) Pyrene	19.610	202	1676988	38.405	ng/ul	98
83) Butylbenzylphthalate	20.510	149	736383	39.217	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.333	252	447672	42.814	ng/ul	96
85) Benzo(a)anthracene	21.416	228	1575561	38.706	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	1066119	39.519	ng/ul	99
87) Chrysene	21.474	228	1504986	38.994	ng/ul	98
89) Di-n-octyl phthalate	22.486	149	1817456	40.374	ng/ul	100
90) Benzo(b)fluoranthene	23.504	252	1489675	41.128	ng/ul	100
91) Benzo(k)fluoranthene	23.569	252	1452648	40.278	ng/ul	99
93) Benzo(a)pyrene	24.321	252	1291703	40.803	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.886	276	1373111	39.864	ng/ul	98
95) Dibenzo(a,h)anthracene	27.939	278	1117284	40.671	ng/ul	97
96) Benzo(g,h,i)perylene	28.951	276	1026549	39.158	ng/ul	97

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

