Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
Data File : BN036153.D
Acq On : 31 Jan 2025 04:11
Operator : RC/JU
Sample : PB166340BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS340

Quant Time: Jan 31 07:38:04 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	95096	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	356845	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	220868	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	407191	20.000	ng/ul	0.00
79) Chrysene-d12	21.428	240	382674	20.000	ng/ul	0.00
88) Perylene-d12	24.451	264	411294	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	13286	5.693	ng/uL	0.00
4) Pyridine-d5	3.681	84	190655	28.682	ng/ul	0.00
7) Phenol-d5	6.987	99	212207	26.929	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	140278	27.740	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	174296	28.251	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	167416	26.445	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	82317	28.733	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	91257	28.074	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	164621	28.049	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.722	131	195459	25.349	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	452079	27.141	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	520976	28.090	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	76234	26.520	ng/ul	-0.02
60) Fluorene-d10	15.428	176	379087	27.189	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.546	200	76035	28.214	ng/ul	0.00
73) Anthracene-d10	17.281	188	566342	28.632	ng/ul	0.00
81) Pyrene-d10	19.575	212	595858	26.145	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.251	264	607094	28.071	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	27565	11.058	ng/uL	99
5) Pyridine	3.699	79	189439	28.060	ng/ul	99
6) Benzaldehyde	6.934	77	47732	10.145	ng/ul	96
8) Phenol	7.017	94	217172	26.694	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.217	93	173336	27.112	ng/ul	96
12) 2-Chlorophenol	7.369	128	174645	27.771	ng/ul	97
13) 2-Methylphenol	8.252	108	157858	26.278	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.316	45	270248	27.692	ng/ul	98
16) Acetophenone	8.616	105	260900	25.277	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.605	70	139073	25.590	ng/ul	98
18) 4-Methylphenol	8.581	108	173106	26.410	ng/ul	97
19) Hexachloroethane	8.875	117	81513	28.057	ng/ul	95
22) Nitrobenzene	8.993	77	220404	27.914	ng/ul	99
23) Isophorone	9.522	82	369963	26.437	ng/ul	99
25) 2-Nitrophenol	9.699	139	95608	27.489	ng/ul	97
26) 2,4-Dimethylphenol	9.775	107	189820	26.788	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.999	93	222552	27.095	ng/ul	99
29) 2,4-Dichlorophenol	10.252	162	161883	27.378	ng/ul	97
30) Naphthalene	10.640	128	527495	27.476	ng/ul	99
32) 4-Chloroaniline	10.746	127	111188	14.940	ng/ul	100
33) Hexachlorobutadiene	10.928	225	122409	28.361	ng/ul	96
34) Caprolactam	11.528	113	44378	23.190	ng/ul	96
35) 4-Chloro-3-methylphenol	11.899	107	173779	25.583	ng/ul	99
36) 2-Methylnaphthalene	12.252	142	359728	26.731	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	355173	26.865	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.622	216	199559	28.277	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	111783	28.377	ng/ul	89
41) 2,4,6-Trichlorophenol	12.869	196	126442	27.786	ng/ul	95
42) 2,4,5-Trichlorophenol	12.957	196	134278	27.268	ng/ul	99
43) 1,1'-Biphenyl	13.269	154	463454	28.269	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	364949	28.314	ng/ul	97
45) 2-Nitroaniline	13.510	65	121509	27.648	ng/ul	95
47) Dimethylphthalate	13.893	163	443367	26.580	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	88675	26.956	ng/ul	95
50) Acenaphthylene	14.157	152	542731	27.809	ng/ul	97
51) 3-Nitroaniline	14.340	138	82141	24.920	ng/ul	91
52) Acenaphthene	14.498	153	385894	27.467	ng/ul	97
53) 2,4-Dinitrophenol	14.540	184	51305	24.820	ng/ul	89
55) 4-Nitrophenol	14.687	109	77532	25.297	ng/ul	96
56) Dibenzofuran	14.834	168	533203	27.414	ng/ul	95
57) 2,4-Dinitrotoluene	14.793	165	125082	25.410	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	103747	25.238	ng/ul#	99
59) Diethylphthalate	15.263	149	443268	25.761	ng/ul	98
61) Fluorene	15.487	166	417530	26.472	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	212433	26.049	ng/ul	98
63) 4-Nitroaniline	15.498	138	91438	28.353	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.557	198	78764	27.523	ng/ul	97
67) N-Nitrosodiphenylamine	15.693	169	350728	28.379	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	126413	28.976	ng/ul	93
69) Hexachlorobenzene	16.487	284	135591	28.490	ng/ul	99
70) Atrazine	16.651	200	128082	26.294	ng/ul	97
71) Pentachlorophenol	16.834	266	84728	26.080	ng/ul	97
72) Phenanthrene	17.222	178	630340	27.610	ng/ul	99
74) Anthracene	17.316	178	637378	27.744	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.234	216	197633	31.187	ng/uL	97
76) Pentachlorobenzene	14.757	250	179224	28.948	ng/uL	93
77) Carbazole	17.587	167	550111	27.297	ng/ul	97
78) Di-n-butylphthalate	18.151	149	733002	27.306	ng/ul	99
80) Fluoranthene	19.239	202	699390	26.271	ng/ul	98
82) Pyrene	19.604	202	723752	25.644	ng/ul	99
83) Butylbenzylphthalate	20.510	149	300565	24.766	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	210151	31.095	ng/ul	95
85) Benzo(a)anthracene	21.410	228	731305	27.796	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.339	149	475924	27.295	ng/ul	100
87) Chrysene	21.469	228	700640	28.087	ng/ul	98
89) Di-n-octyl phthalate	22.486	149	779861	23.074	ng/ul	100
90) Benzo(b)fluoranthene	23.498	252	720674	26.499	ng/ul	99
91) Benzo(k)fluoranthene	23.563	252	717268	26.488	ng/ul	98
93) Benzo(a)pyrene	24.316	252	657419	27.658	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.880	276	881548	34.086	ng/ul	100
95) Dibenzo(a,h)anthracene	27.933	278	708280	34.338	ng/ul	96
96) Benzo(g,h,i)perylene	28.945	276	690847	35.098	ng/ul	99

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

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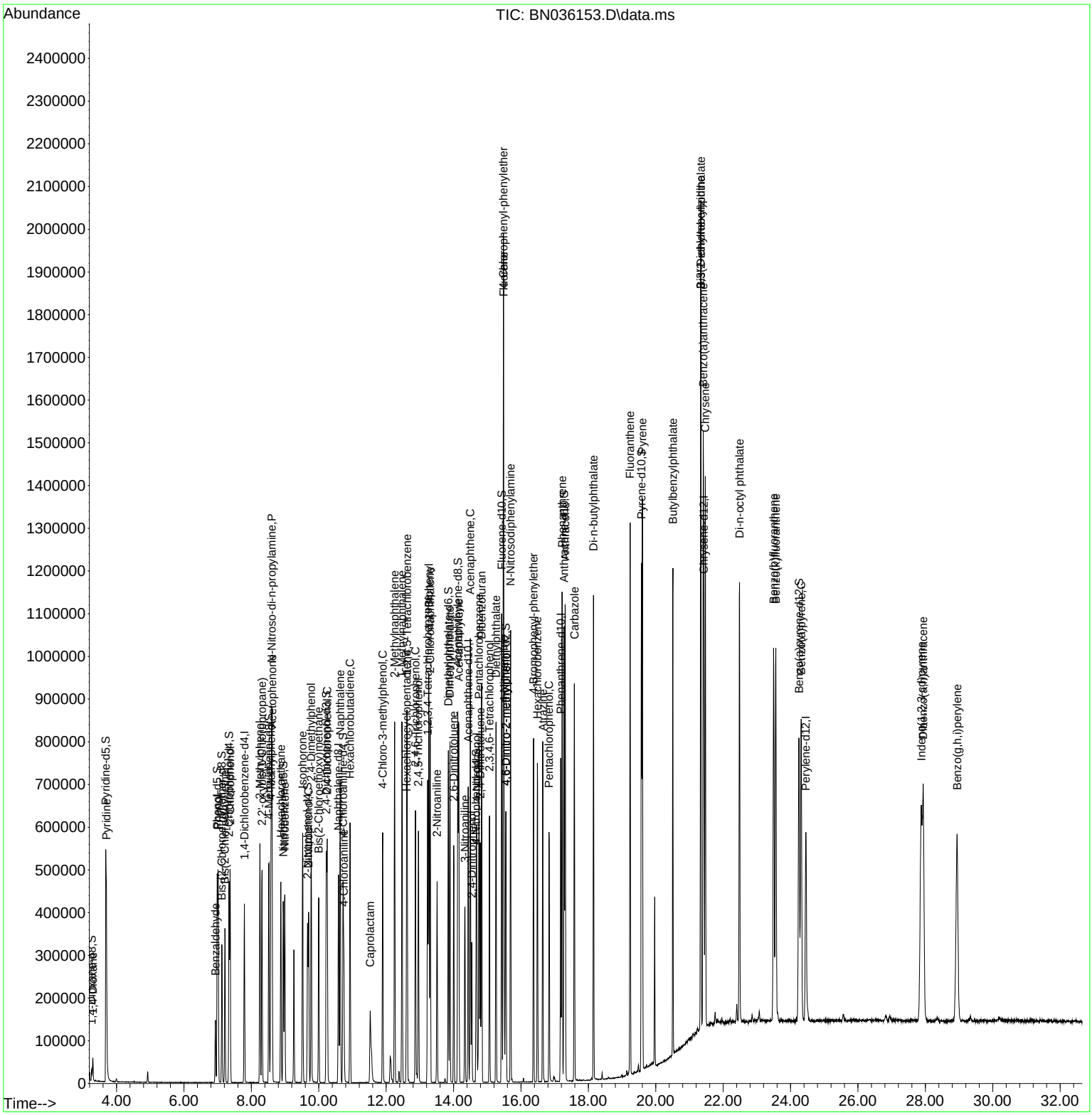
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