Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030824\
Data File : BN030349.D
Acq On : 08 Mar 2024 10:28
Operator : MA/JU
Sample : SSTD00514
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD005239

Quant Time: Mar 08 13:27:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 12:19:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	120529	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	451812	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	255808	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	530775	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	429941	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	500919	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	7095	1.943	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.322	132	37447	4.494	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.963	128	16473	4.574	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	15756	4.793	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	29476	4.630	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.875	166	94612	4.810	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	102466	4.445	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.445	176	79154	4.776	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.310	188	112042	4.387	ng/ul	0.00
81) Pyrene-d10	19.616	212	123811	4.636	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	113494	4.391	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	6973	1.868	ng/uL	97
12) 2-Chlorophenol	7.357	128	39206	4.489	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.610	70	28194	4.036	ng/ul	98
19) Hexachloroethane	8.863	117	17834	4.426	ng/ul	98
22) Nitrobenzene	9.004	77	43190	4.296	ng/ul	99
23) Isophorone	9.528	82	73846	4.199	ng/ul	100
25) 2-Nitrophenol	9.710	139	17498	4.705	ng/ul	95
26) 2,4-Dimethylphenol	9.775	107	38440	4.480	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.022	93	44556	4.071	ng/ul	99
29) 2,4-Dichlorophenol	10.234	162	30824	4.707	ng/ul	95
30) Naphthalene	10.640	128	118613	4.516	ng/ul	98
33) Hexachlorobutadiene	10.916	225	22808	5.568	ng/ul	93
35) 4-Chloro-3-methylphenol	11.887	107	33162	4.375	ng/ul	99
36) 2-Methylnaphthalene	12.263	142	73931	4.522	ng/ul	97
37) 1-Methylnaphthalene	12.481	142	73819	4.544	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.628	216	36507	4.759	ng/ul	98
41) 2,4,6-Trichlorophenol	12.875	196	21421	4.696	ng/ul	92
42) 2,4,5-Trichlorophenol	12.945	196	24621	4.855	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	100853	4.634	ng/ul	95
44) 2-Chloronaphthalene	13.322	162	77826	4.607	ng/ul	94
45) 2-Nitroaniline	13.539	65	18169	3.635	ng/ul	96
47) Dimethylphthalate	13.922	163	97102	4.818	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	16016	4.386	ng/ul#	85
50) Acenaphthylene	14.169	152	122828	4.480	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.516	153	84155	4.645	ng/ul	98
56) Dibenzofuran	14.851	168	114952	4.777	ng/ul	100
57) 2,4-Dinitrotoluene	14.833	165	23729	4.558	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.080	232	19024	5.072	ng/ul#	96
59) Diethylphthalate	15.292	149	102488	4.890	ng/ul	100
61) Fluorene	15.504	166	94899	4.925	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.510	204	46271	5.301	ng/ul	99
67) N-Nitrosodiphenylamine	15.727	169	73329	4.358	ng/ul	97
68) 4-Bromophenyl-phenylether	16.404	248	25620	4.875	ng/ul	92
69) Hexachlorobenzene	16.504	284	28731	4.883	ng/ul	99
72) Phenanthrene	17.251	178	142503	4.556	ng/ul	98
74) Anthracene	17.345	178	145061	4.619	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	36106	4.627	ng/uL	97
76) Pentachlorobenzene	14.763	250	33924	4.746	ng/uL	96
78) Di-n-butylphthalate	18.204	149	166568	4.662	ng/ul	99
80) Fluoranthene	19.280	202	149860	4.612	ng/ul	99
82) Pyrene	19.645	202	159655	4.663	ng/ul	100
83) Butylbenzylphthalate	20.580	149	65801	4.505	ng/ul	94
85) Benzo(a)anthracene	21.415	228	148477	4.618	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.368	149	102462	4.565	ng/ul	100
87) Chrysene	21.468	228	138656	4.587	ng/ul	97
90) Benzo(b)fluoranthene	23.074	252	136313	4.155	ng/ul	96
91) Benzo(k)fluoranthene	23.115	252	153696	4.566	ng/ul	97
93) Benzo(a)pyrene	23.680	252	131941	4.256	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.203	276	165282	4.473	ng/ul	97
95) Dibenzo(a,h)anthracene	26.227	278	133823	4.456	ng/ul	96
96) Benzo(g,h,i)perylene	26.939	276	135332	4.413	ng/ul	98

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

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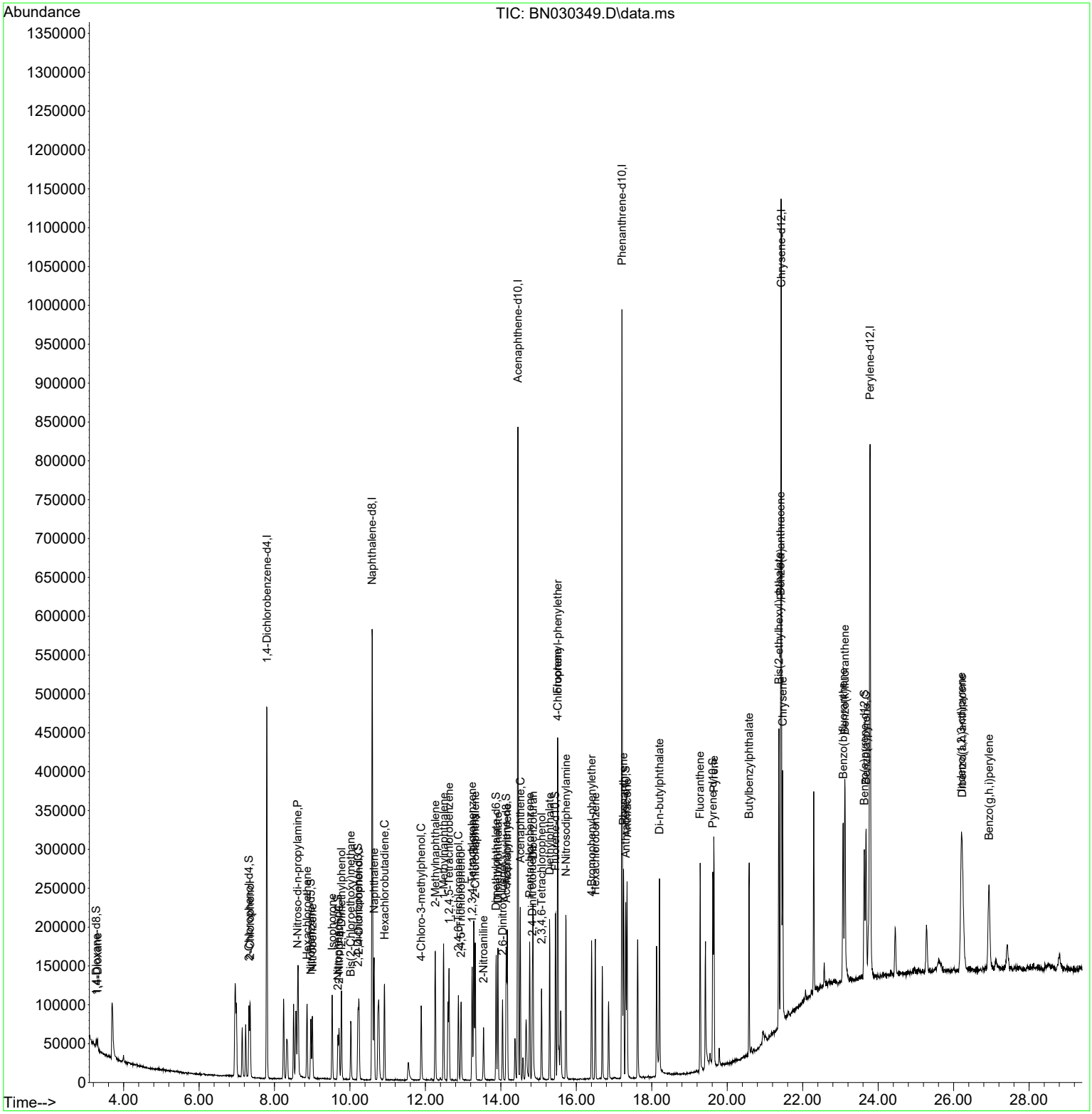
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