Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
Data File : BN023508.D
Acq On : 28 Dec 2022 04:32
Operator : CG/JU
Sample : N6164-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 05:30:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:57:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	5860	0.400	ng	0.00
7) Naphthalene-d8	10.797	136	17386	0.400	ng	0.00
13) Acenaphthene-d10	14.623	164	10312	0.400	ng	0.00
19) Phenanthrene-d10	17.365	188	22536	0.400	ng	#-0.01
29) Chrysene-d12	21.562	240	17665	0.400	ng	0.00
35) Perylene-d12	24.001	264	12275	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.522	112	1022	0.079	ng	0.00
5) Phenol-d6	7.139	99	1272	0.080	ng	0.00
8) Nitrobenzene-d5	9.142	82	4061	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.378	152	7514	0.297	ng	0.00
14) 2,4,6-Tribromophenol	16.111	330	553	0.109	ng	-0.01
15) 2-Fluorobiphenyl	13.244	172	12570	0.308	ng	-0.01
27) Fluoranthene-d10	19.401	212	20605	0.374	ng	0.00
31) Terphenyl-d14	19.996	244	21028	0.511	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	3159	0.559	ng	# 91
3) n-Nitrosodimethylamine	3.702	42	736	0.108	ng	# 93
6) bis(2-Chloroethyl)ether	7.392	93	5166	0.334	ng	100
9) Naphthalene	10.840	128	14662	0.330	ng	100
10) Hexachlorobutadiene	11.128	225	2589	0.289	ng	# 98
12) 2-Methylnaphthalene	12.454	142	10693	0.334	ng	99
16) Acenaphthylene	14.345	152	12331	0.288	ng	98
17) Acenaphthene	14.688	154	9284m	0.322	ng	
18) Fluorene	15.671	166	13944	0.347	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.751	198	845	0.457	ng	95
21) 4-Bromophenyl-phenylether	16.558	248	4462	0.338	ng	# 84
22) Hexachlorobenzene	16.682	284	5061	0.318	ng	99
23) Atrazine	16.831	200	3633	0.356	ng	97
24) Pentachlorophenol	17.017	266	2554m	0.489	ng	
25) Phenanthrene	17.414	178	70379	1.096	ng	100
26) Anthracene	17.501	178	19190	0.360	ng	98
28) Fluoranthene	19.431	202	97384	1.350	ng	99
30) Pyrene	19.797	202	59936	0.909	ng	99
32) Benzo(a)anthracene	21.544	228	23384	0.397	ng	99
33) Chrysene	21.598	228	23261	0.385	ng	98
34) Bis(2-ethylhexyl)phtha...	21.464	149	13896	0.384	ng	99
36) Indeno(1,2,3-cd)pyrene	26.547	276	12610	0.275	ng	100
37) Benzo(b)fluoranthene	23.255	252	18992	0.403	ng	99
38) Benzo(k)fluoranthene	23.302	252	16948	0.366	ng	100
39) Benzo(a)pyrene	23.889	252	12839	0.357	ng	97
40) Dibenzo(a,h)anthracene	26.562	278	10334	0.296	ng	99
41) Benzo(g,h,i)perylene	27.328	276	11373	0.282	ng	99

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

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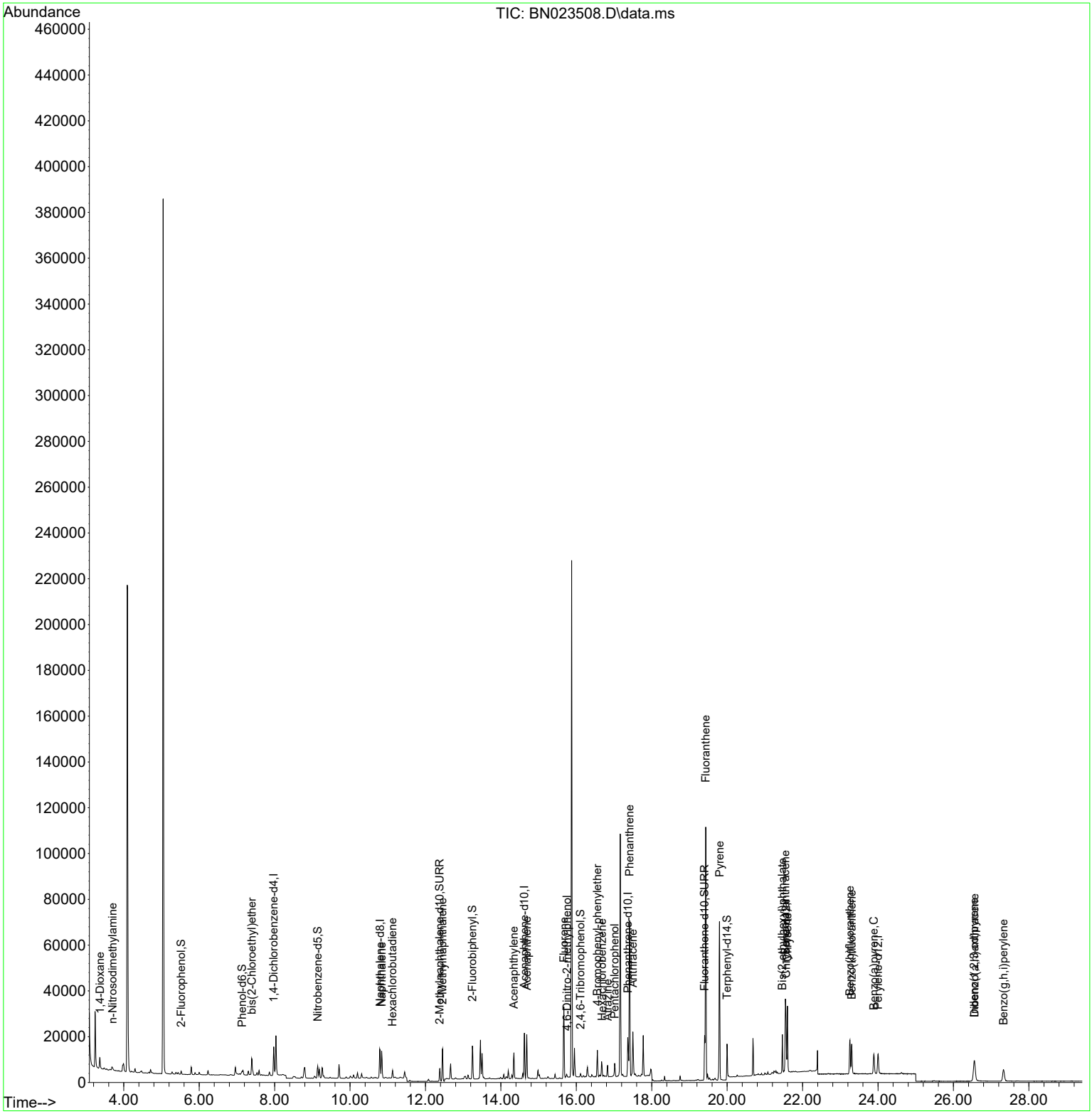
Manual Integrations APPROVED

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