Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	266306	20.000	ng	-0.02
21) Naphthalene-d8	10.534	136	985466	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	648787	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1276061	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1188727	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1179190	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1185161	77.929	ng	-0.02
7) Phenol-d6	6.934	99	1492729	78.093	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1529857	76.498	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	740128	77.152	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4183725	76.285	ng	-0.02
79) Terphenyl-d14	19.768	244	6425682	79.988	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	245428	37.638	ng	99
3) Pyridine	3.640	79	649387	38.760	ng	98
4) n-Nitrosodimethylamine	3.546	42	251732	38.309	ng	99
6) Aniline	7.075	93	940890	38.981	ng	99
8) 2-Chlorophenol	7.316	128	636062	38.682	ng	98
9) Benzaldehyde	6.887	77	485239	37.934	ng	98
10) Phenol	6.957	94	759102	39.229	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	611928	37.871	ng	99
12) 1,3-Dichlorobenzene	7.634	146	750200	37.769	ng	99
13) 1,4-Dichlorobenzene	7.775	146	751753	37.673	ng	98
14) 1,2-Dichlorobenzene	8.093	146	720747	37.392	ng	99
15) Benzyl Alcohol	7.993	79	534885	40.351	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	773045	39.358	ng	100
17) 2-Methylphenol	8.204	107	500949	39.297	ng	99
18) Hexachloroethane	8.816	117	266844	37.618	ng	97
19) n-Nitroso-di-n-propyla...	8.551	70	479342	39.100	ng	99
20) 3+4-Methylphenols	8.534	107	674221	39.165	ng	97
22) Acetophenone	8.569	105	930655	37.985	ng	98
24) Nitrobenzene	8.946	77	663350	38.361	ng	99
25) Isophorone	9.475	82	1308322	38.379	ng	99
26) 2-Nitrophenol	9.657	139	353615	40.028	ng	99
27) 2,4-Dimethylphenol	9.728	122	573493	39.146	ng	98
28) bis(2-Chloroethoxy)met...	9.951	93	802616	38.093	ng	100
29) 2,4-Dichlorophenol	10.210	162	636422	38.777	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	746754	37.345	ng	98
31) Naphthalene	10.587	128	1869765	37.465	ng	100
32) Benzoic acid	9.904	122	364406	38.892	ng	99
33) 4-Chloroaniline	10.704	127	790719	38.655	ng	99
34) Hexachlorobutadiene	10.869	225	471584	37.153	ng	99
35) Caprolactam	11.504	113	186188	38.907	ng	91
36) 4-Chloro-3-methylphenol	11.857	107	579525	38.219	ng	99
37) 2-Methylnaphthalene	12.204	142	1254166	37.483	ng	99
38) 1-Methylnaphthalene	12.422	142	1324896	37.416	ng	100
40) 1,2,4,5-Tetrachloroben...	12.581	216	852610	37.962	ng	100
41) Hexachlorocyclopentadiene	12.551	237	468351	34.123	ng	100
43) 2,4,6-Trichlorophenol	12.834	196	555916	39.025	ng	99

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44) 2,4,5-Trichlorophenol	12.922	196	602516	39.223	ng	99
46) 1,1'-Biphenyl	13.222	154	1816474	37.665	ng	98
47) 2-Chloronaphthalene	13.263	162	1439265	37.681	ng	100
48) 2-Nitroaniline	13.481	65	362607	40.448	ng	99
49) Acenaphthylene	14.116	152	2273946	37.758	ng	99
50) Dimethylphthalate	13.851	163	1777120	37.481	ng	100
51) 2,6-Dinitrotoluene	13.975	165	384842	39.202	ng	99
52) Acenaphthene	14.457	154	1305026	37.437	ng	99
53) 3-Nitroaniline	14.310	138	376890	40.213	ng	100
54) 2,4-Dinitrophenol	14.539	184	207759	36.439	ng	98
55) Dibenzofuran	14.792	168	2172737	37.462	ng	100
56) 4-Nitrophenol	14.675	139	244642	34.800	ng	98
57) 2,4-Dinitrotoluene	14.775	165	537890	39.653	ng	99
58) Fluorene	15.445	166	1787962	37.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	503890	37.896	ng	99
60) Diethylphthalate	15.216	149	1658728	37.127	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	979216	37.553	ng	97
62) 4-Nitroaniline	15.480	138	368722	40.776	ng	97
63) Azobenzene	15.727	77	1398756	37.357	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	309774	38.782	ng	97
66) n-Nitrosodiphenylamine	15.657	169	1487921	37.972	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	586846	38.030	ng	99
68) Hexachlorobenzene	16.457	284	671453	37.749	ng	96
69) Atrazine	16.610	200	539064	38.139	ng	99
70) Pentachlorophenol	16.810	266	368173	36.772	ng	100
71) Phenanthrene	17.180	178	2685945	37.320	ng	100
72) Anthracene	17.274	178	2746787	37.713	ng	100
73) Carbazole	17.551	167	2427561	38.410	ng	99
74) Di-n-butylphthalate	18.104	149	2838617	37.714	ng	99
75) Fluoranthene	19.204	202	3209490	37.983	ng	100
77) Benzidine	19.392	184	1655106	39.198	ng	99
78) Pyrene	19.568	202	3284421	39.346	ng	100
80) Butylbenzylphthalate	20.462	149	1229679	39.331	ng	98
81) Benzo(a)anthracene	21.368	228	3088369	37.728	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	1215688	38.795	ng	99
83) Chrysene	21.427	228	2813027	37.130	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1760201	37.692	ng	99
85) Di-n-octyl phthalate	22.403	149	2883032	37.435	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	3332526	37.928	ng	99
88) Benzo(b)fluoranthene	23.433	252	2784029	36.304	ng	100
89) Benzo(k)fluoranthene	23.498	252	2849425	36.733	ng	99
90) Benzo(a)pyrene	24.239	252	2666219	37.121	ng	100
91) Dibenzo(a,h)anthracene	27.815	278	2735436	38.192	ng	99
92) Benzo(g,h,i)perylene	28.827	276	2598984	37.902	ng	99

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

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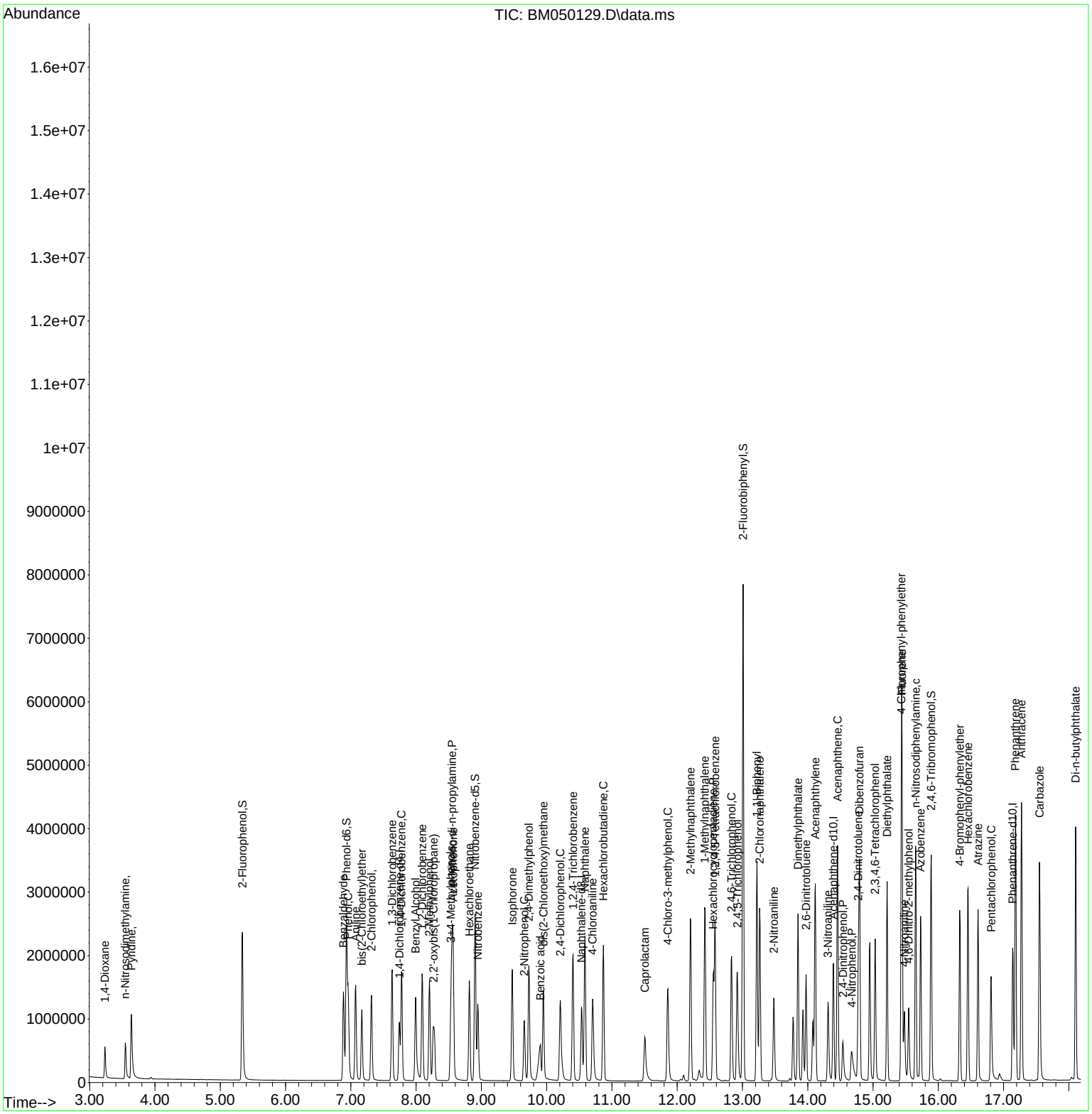

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