Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050079.D
Acq On : 02 May 2025 10:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 02 11:45:13 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	7.751	152	249928	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	901454	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	586754	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1164746	20.000	ng	-0.01
76) Chrysene-d12	21.380	240	1138509	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1096969	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1127844	79.020	ng	-0.02
7) Phenol-d6	6.934	99	1412210	78.722	ng	-0.02
23) Nitrobenzene-d5	8.910	82	1436913	78.546	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	653057	75.272	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	3822925	77.076	ng	-0.02
79) Terphenyl-d14	19.768	244	6128200	79.649	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	238115	38.909	ng	98
3) Pyridine	3.646	79	626284	39.831	ng	99
4) n-Nitrosodimethylamine	3.551	42	245215	39.763	ng	95
6) Aniline	7.081	93	879146	38.810	ng	99
8) 2-Chlorophenol	7.322	128	587452	38.067	ng	98
9) Benzaldehyde	6.892	77	472363	39.348	ng	97
10) Phenol	6.963	94	710601	39.129	ng	99
11) bis(2-Chloroethyl)ether	7.175	93	570956	37.651	ng	100
12) 1,3-Dichlorobenzene	7.639	146	701013	37.605	ng	99
13) 1,4-Dichlorobenzene	7.787	146	704535	37.620	ng	100
14) 1,2-Dichlorobenzene	8.098	146	675943	37.365	ng	98
15) Benzyl Alcohol	7.998	79	489827	39.373	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.275	45	699808	37.964	ng	100
17) 2-Methylphenol	8.204	107	458138	38.294	ng	99
18) Hexachloroethane	8.822	117	248872	37.383	ng	97
19) n-Nitroso-di-n-propyla...	8.557	70	447961	38.935	ng	98
20) 3+4-Methylphenols	8.539	107	614737	38.049	ng	99
22) Acetophenone	8.575	105	863404	38.525	ng	99
24) Nitrobenzene	8.951	77	613826	38.806	ng	98
25) Isophorone	9.481	82	1175706	37.703	ng	99
26) 2-Nitrophenol	9.663	139	316142	39.122	ng	99
27) 2,4-Dimethylphenol	9.733	122	517278	38.599	ng	99
28) bis(2-Chloroethoxy)met...	9.957	93	729132	37.830	ng	100
29) 2,4-Dichlorophenol	10.210	162	573328	38.188	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	682829	37.330	ng	100
31) Naphthalene	10.592	128	1713444	37.533	ng	100
32) Benzoic acid	9.892	122	323636	37.760	ng	97
33) 4-Chloroaniline	10.710	127	721673	38.567	ng	98
34) Hexachlorobutadiene	10.875	225	432840	37.279	ng	99
35) Caprolactam	11.504	113	166290	37.988	ng	96
36) 4-Chloro-3-methylphenol	11.851	107	523243	37.723	ng	98
37) 2-Methylnaphthalene	12.210	142	1131272	36.961	ng	99
38) 1-Methylnaphthalene	12.427	142	1189696	36.729	ng	100
40) 1,2,4,5-Tetrachloroben...	12.580	216	768161	37.818	ng	99
41) Hexachlorocyclopentadiene	12.557	237	451598	36.381	ng	100
43) 2,4,6-Trichlorophenol	12.833	196	499787	38.794	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	539492	38.833	ng	98
46) 1,1'-Biphenyl	13.227	154	1651332	37.860	ng	99
47) 2-Chloronaphthalene	13.269	162	1311916	37.978	ng	100
48) 2-Nitroaniline	13.480	65	324891	40.073	ng	98
49) Acenaphthylene	14.116	152	2061412	37.848	ng	100
50) Dimethylphthalate	13.857	163	1601126	37.339	ng	99
51) 2,6-Dinitrotoluene	13.974	165	343409	38.680	ng	97
52) Acenaphthene	14.457	154	1183209	37.531	ng	100
53) 3-Nitroaniline	14.310	138	342412	40.397	ng	97
54) 2,4-Dinitrophenol	14.533	184	187142	36.316	ng	97
55) Dibenzofuran	14.798	168	1967268	37.505	ng	100
56) 4-Nitrophenol	14.657	139	231766	36.239	ng	96
57) 2,4-Dinitrotoluene	14.774	165	483398	39.403	ng	98
58) Fluorene	15.445	166	1633458	38.045	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	451329	37.531	ng	99
60) Diethylphthalate	15.221	149	1501854	37.170	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	890171	37.748	ng	98
62) 4-Nitroaniline	15.480	138	336923	41.199	ng	96
63) Azobenzene	15.733	77	1302572	38.466	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	275818	37.831	ng	96
66) n-Nitrosodiphenylamine	15.657	169	1339187	37.443	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	521812	37.047	ng	99
68) Hexachlorobenzene	16.457	284	597069	36.775	ng	98
69) Atrazine	16.609	200	484216	37.532	ng	99
70) Pentachlorophenol	16.809	266	344508	37.697	ng	100
71) Phenanthrene	17.186	178	2458739	37.428	ng	99
72) Anthracene	17.274	178	2511666	37.780	ng	100
73) Carbazole	17.551	167	2216414	38.420	ng	100
74) Di-n-butylphthalate	18.109	149	2561927	37.291	ng	100
75) Fluoranthene	19.203	202	2919856	37.857	ng	100
77) Benzidine	19.392	184	1529864	37.830	ng	99
78) Pyrene	19.568	202	3048558	38.131	ng	100
80) Butylbenzylphthalate	20.462	149	1123011	37.503	ng	95
81) Benzo(a)anthracene	21.362	228	2995858	38.212	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	1165683	38.840	ng	99
83) Chrysene	21.427	228	2726625	37.577	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1676779	37.489	ng	100
85) Di-n-octyl phthalate	22.409	149	2683834	36.386	ng	99
87) Indeno(1,2,3-cd)pyrene	27.756	276	3133882	38.341	ng	100
88) Benzo(b)fluoranthene	23.433	252	2763712	38.740	ng	99
89) Benzo(k)fluoranthene	23.491	252	2702962	37.457	ng	99
90) Benzo(a)pyrene	24.233	252	2552084	38.195	ng	99
91) Dibenzo(a,h)anthracene	27.803	278	2556353	38.366	ng	99
92) Benzo(g,h,i)perylene	28.809	276	2419913	37.936	ng	100

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

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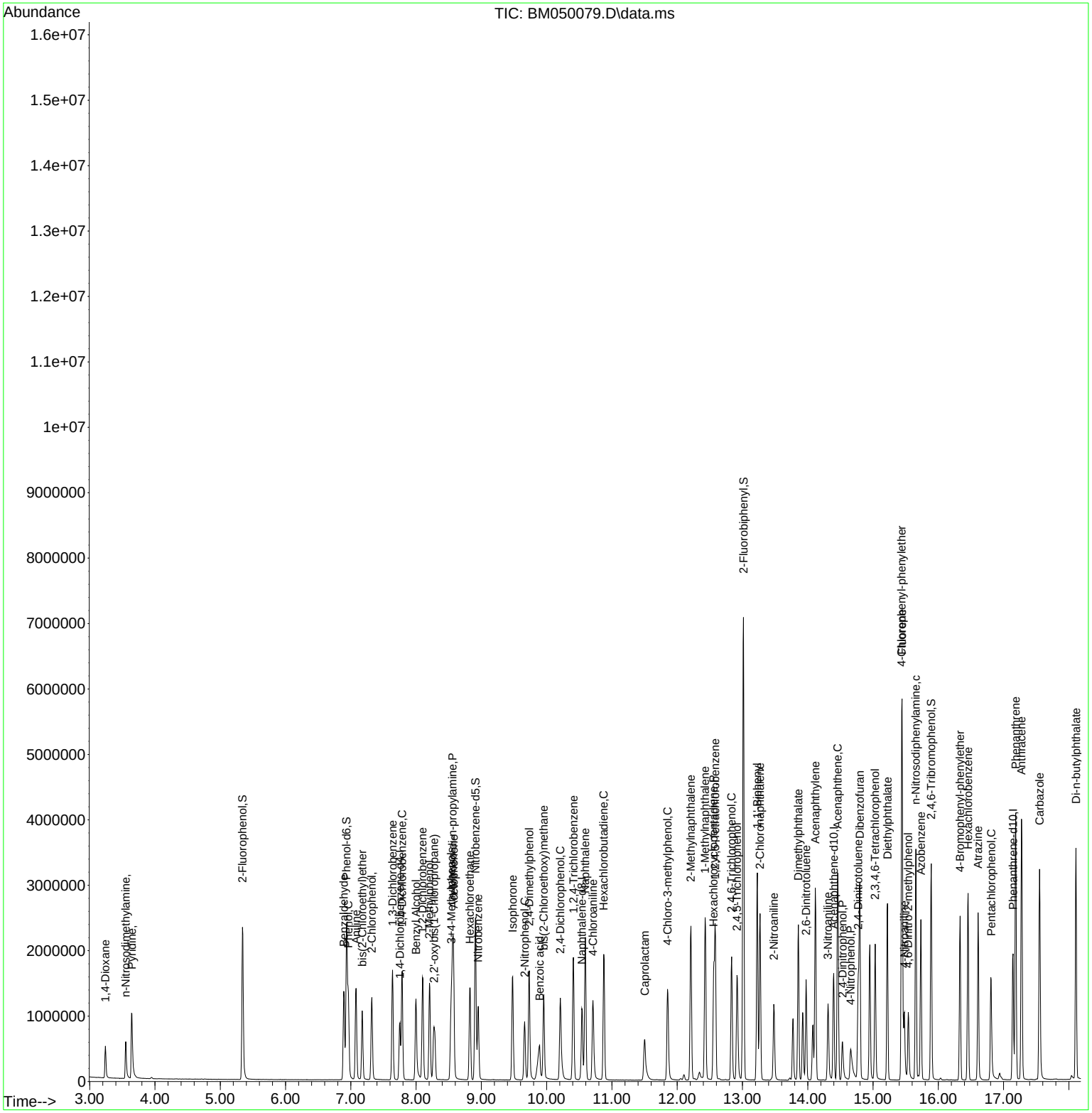

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