Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
Data File : BM050054.D
Acq On : 30 Apr 2025 21:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 01 02:19:18 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	7.763	152	250618	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	921090	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	604340	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	1166692	20.000	ng		0.00
76) Chrysene-d12	21.392	240	1168652	20.000	ng		0.00
86) Perylene-d12	24.391	264	1090575	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1249147	87.278	ng		0.00
7) Phenol-d6	6.945	99	1607649	89.370	ng		0.00
23) Nitrobenzene-d5	8.922	82	1691371	90.485	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	773379	86.547	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4596002	89.966	ng		0.00
79) Terphenyl-d14	19.780	244	7457359	94.425	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	265972	43.342	ng		98
3) Pyridine	3.652	79	699220	44.347	ng		96
4) n-Nitrosodimethylamine	3.563	42	283346	45.820	ng		98
6) Aniline	7.093	93	991244	43.638	ng		97
8) 2-Chlorophenol	7.334	128	654593	42.301	ng		97
9) Benzaldehyde	6.904	77	530918	44.103	ng		97
10) Phenol	6.975	94	801896	44.035	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	659256	43.354	ng		97
12) 1,3-Dichlorobenzene	7.651	146	787890	42.149	ng		97
13) 1,4-Dichlorobenzene	7.798	146	795214	42.345	ng		100
14) 1,2-Dichlorobenzene	8.116	146	767893	42.331	ng		99
15) Benzyl Alcohol	8.010	79	551565	44.214	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	833405	45.087	ng		98
17) 2-Methylphenol	8.216	107	520911	43.421	ng		98
18) Hexachloroethane	8.839	117	288124	43.160	ng		98
19) n-Nitroso-di-n-propyla...	8.569	70	524187	45.435	ng		97
20) 3+4-Methylphenols	8.545	107	708427	43.728	ng		97
22) Acetophenone	8.587	105	1006099	43.935	ng	#	99
24) Nitrobenzene	8.963	77	723338	44.754	ng		97
25) Isophorone	9.492	82	1387820	43.556	ng		98
26) 2-Nitrophenol	9.675	139	359461	43.534	ng		95
27) 2,4-Dimethylphenol	9.745	122	591564	43.202	ng		97
28) bis(2-Chloroethoxy)met...	9.969	93	862259	43.783	ng		99
29) 2,4-Dichlorophenol	10.222	162	659221	42.973	ng		100
30) 1,2,4-Trichlorobenzene	10.422	180	790792	42.311	ng		99
31) Naphthalene	10.604	128	1990173	42.665	ng		100
32) Benzoic acid	9.910	122	343697	39.245	ng		98
33) 4-Chloroaniline	10.722	127	828496	43.332	ng		98
34) Hexachlorobutadiene	10.892	225	502308	42.339	ng		100
35) Caprolactam	11.516	113	183948	41.126	ng		88
36) 4-Chloro-3-methylphenol	11.863	107	605344	42.712	ng		98
37) 2-Methylnaphthalene	12.222	142	1313225	41.991	ng		99
38) 1-Methylnaphthalene	12.439	142	1389492	41.983	ng		99
40) 1,2,4,5-Tetrachloroben...	12.598	216	906338	43.323	ng		99
41) Hexachlorocyclopentadiene	12.575	237	541225	42.333	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	575908	43.402	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	623048	43.543	ng	98
46) 1,1'-Biphenyl	13.239	154	1943705	43.267	ng	99
47) 2-Chloronaphthalene	13.280	162	1526471	42.903	ng	99
48) 2-Nitroaniline	13.492	65	382749	45.835	ng	94
49) Acenaphthylene	14.127	152	2391528	42.631	ng	100
50) Dimethylphthalate	13.869	163	1841172	41.688	ng	99
51) 2,6-Dinitrotoluene	13.986	165	388032	42.434	ng	92
52) Acenaphthene	14.469	154	1399364	43.095	ng	99
53) 3-Nitroaniline	14.321	138	377093	43.194	ng	95
54) 2,4-Dinitrophenol	14.539	184	193787	36.480	ng	96
55) Dibenzofuran	14.804	168	2293685	42.455	ng	98
56) 4-Nitrophenol	14.663	139	262090	39.344	ng	94
57) 2,4-Dinitrotoluene	14.780	165	550318	43.553	ng	96
58) Fluorene	15.457	166	1965792	44.454	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	528006	42.630	ng	99
60) Diethylphthalate	15.227	149	1754483	42.159	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1074604	44.242	ng	100
62) 4-Nitroaniline	15.486	138	371888	44.151	ng	93
63) Azobenzene	15.745	77	1575149	45.162	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	298765	40.910	ng	95
66) n-Nitrosodiphenylamine	15.668	169	1579781	44.096	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	605929	42.948	ng	97
68) Hexachlorobenzene	16.463	284	691946	42.547	ng	100
69) Atrazine	16.621	200	557532	43.143	ng	99
70) Pentachlorophenol	16.815	266	398945	43.580	ng	99
71) Phenanthrene	17.192	178	2875342	43.696	ng	100
72) Anthracene	17.286	178	2933517	44.052	ng	99
73) Carbazole	17.562	167	2486964	43.038	ng	100
74) Di-n-butylphthalate	18.115	149	2993002	43.493	ng	99
75) Fluoranthene	19.215	202	3352057	43.389	ng	99
77) Benzidine	19.398	184	1639286	39.490	ng	100
78) Pyrene	19.574	202	3495020	42.588	ng	100
80) Butylbenzylphthalate	20.474	149	1279659	41.632	ng	96
81) Benzo(a)anthracene	21.374	228	3499337	43.483	ng	99
82) 3,3'-Dichlorobenzidine	21.297	252	1309088	42.493	ng	99
83) Chrysene	21.439	228	3171890	42.586	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	2000776	43.580	ng	100
85) Di-n-octyl phthalate	22.421	149	3086707	40.768	ng	98
87) Indeno(1,2,3-cd)pyrene	27.774	276	3527144	43.405	ng	99
88) Benzo(b)fluoranthene	23.444	252	3063766	43.198	ng	100
89) Benzo(k)fluoranthene	23.503	252	3169596	44.181	ng	100
90) Benzo(a)pyrene	24.250	252	2861159	43.072	ng	100
91) Dibenzo(a,h)anthracene	27.826	278	2873981	43.386	ng	99
92) Benzo(g,h,i)perylene	28.832	276	2730616	43.058	ng	99

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

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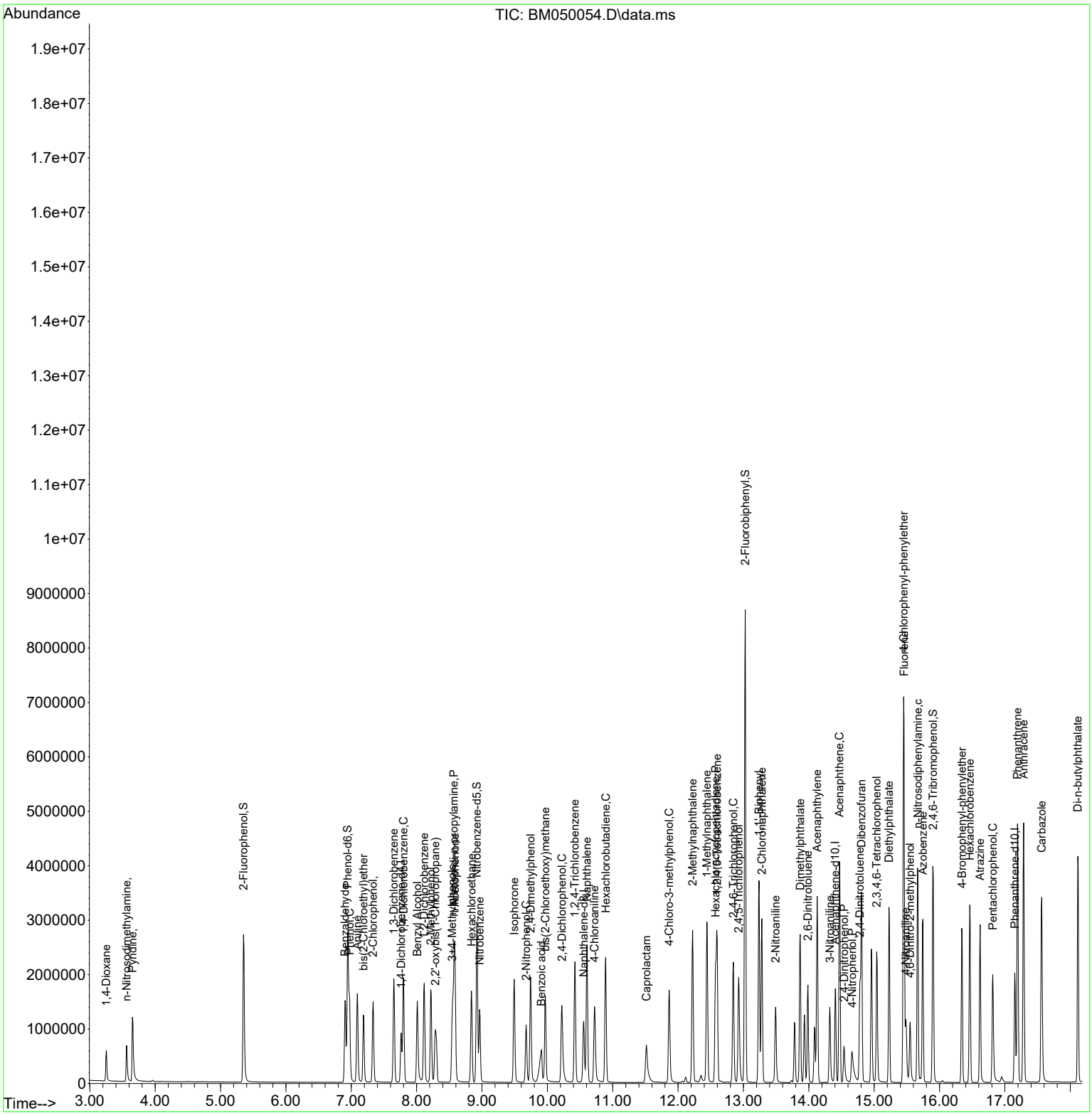

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