Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
Data File : BM050042.D
Acq On : 30 Apr 2025 10:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 30 11:55:04 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	265682	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	955212	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	612937	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1168552	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1113697	20.000	ng		0.00
86) Perylene-d12	24.397	264	1051342	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1321607	87.105	ng		0.00
7) Phenol-d6	6.946	99	1658262	86.957	ng		0.00
23) Nitrobenzene-d5	8.928	82	1712149	88.324	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	767689	84.705	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4628613	89.333	ng		0.00
79) Terphenyl-d14	19.780	244	7005412	93.079	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	280442	43.108	ng		99
3) Pyridine	3.658	79	730788	43.721	ng		98
4) n-Nitrosodimethylamine	3.563	42	289816	44.209	ng		98
6) Aniline	7.093	93	1031898	42.852	ng		98
8) 2-Chlorophenol	7.334	128	689698	42.042	ng		98
9) Benzaldehyde	6.910	77	550768	43.158	ng		99
10) Phenol	6.975	94	830037	42.995	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	696957	43.235	ng		99
12) 1,3-Dichlorobenzene	7.651	146	834717	42.122	ng		100
13) 1,4-Dichlorobenzene	7.798	146	843196	42.355	ng		98
14) 1,2-Dichlorobenzene	8.116	146	809174	42.078	ng		100
15) Benzyl Alcohol	8.010	79	571084	43.183	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.292	45	852852	43.523	ng		100
17) 2-Methylphenol	8.222	107	540978	42.537	ng		99
18) Hexachloroethane	8.840	117	300098	42.405	ng		96
19) n-Nitroso-di-n-propyla...	8.575	70	528511	43.212	ng		99
20) 3+4-Methylphenols	8.551	107	726988	42.329	ng		97
22) Acetophenone	8.587	105	1030325	43.385	ng	#	98
24) Nitrobenzene	8.969	77	735027	43.853	ng		100
25) Isophorone	9.492	82	1390935	42.094	ng		98
26) 2-Nitrophenol	9.675	139	372213	43.468	ng		98
27) 2,4-Dimethylphenol	9.745	122	616468	43.412	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	883818	43.275	ng		100
29) 2,4-Dichlorophenol	10.222	162	684476	43.026	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	828831	42.762	ng		99
31) Naphthalene	10.610	128	2061795	42.621	ng		99
32) Benzoic acid	9.910	122	364411	40.124	ng		99
33) 4-Chloroaniline	10.722	127	842409	42.486	ng		99
34) Hexachlorobutadiene	10.892	225	524746	42.651	ng		99
35) Caprolactam	11.516	113	183423	39.543	ng		95
36) 4-Chloro-3-methylphenol	11.863	107	609124	41.443	ng		98
37) 2-Methylnaphthalene	12.222	142	1367845	42.175	ng		99
38) 1-Methylnaphthalene	12.445	142	1423348	41.470	ng		98
40) 1,2,4,5-Tetrachloroben...	12.598	216	936632	44.143	ng		100
41) Hexachlorocyclopentadiene	12.575	237	579325	44.677	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	586802	43.603	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	630001	43.411	ng	99
46) 1,1'-Biphenyl	13.239	154	1954241	42.891	ng	99
47) 2-Chloronaphthalene	13.280	162	1555505	43.106	ng	100
48) 2-Nitroaniline	13.492	65	365502	43.156	ng	98
49) Acenaphthylene	14.127	152	2411362	42.382	ng	100
50) Dimethylphthalate	13.869	163	1849837	41.296	ng	100
51) 2,6-Dinitrotoluene	13.986	165	394518	42.538	ng	96
52) Acenaphthene	14.474	154	1403184	42.607	ng	100
53) 3-Nitroaniline	14.322	138	373464	42.178	ng	98
54) 2,4-Dinitrophenol	14.539	184	212492	38.974	ng	96
55) Dibenzofuran	14.810	168	2300153	41.978	ng	100
56) 4-Nitrophenol	14.663	139	255109	37.941	ng	94
57) 2,4-Dinitrotoluene	14.786	165	542807	42.356	ng	99
58) Fluorene	15.457	166	1921347	42.839	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	527254	41.972	ng	99
60) Diethylphthalate	15.233	149	1731827	41.031	ng	100
61) 4-Chlorophenyl-phenyle...	15.451	204	1071699	43.504	ng	99
62) 4-Nitroaniline	15.492	138	366264	42.874	ng	100
63) Azobenzene	15.745	77	1519297	42.950	ng	100
65) 4,6-Dinitro-2-methylph...	15.551	198	310863	42.498	ng	95
66) n-Nitrosodiphenylamine	15.668	169	1560967	43.501	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	607925	43.021	ng	99
68) Hexachlorobenzene	16.468	284	695516	42.699	ng	96
69) Atrazine	16.621	200	544551	42.071	ng	99
70) Pentachlorophenol	16.815	266	387154	42.225	ng	98
71) Phenanthrene	17.198	178	2829602	42.933	ng	100
72) Anthracene	17.286	178	2878094	43.151	ng	100
73) Carbazole	17.562	167	2425018	41.899	ng	100
74) Di-n-butylphthalate	18.121	149	2922945	42.408	ng	100
75) Fluoranthene	19.215	202	3271721	42.281	ng	100
77) Benzidine	19.404	184	1650938	41.733	ng	99
78) Pyrene	19.580	202	3366511	43.046	ng	100
80) Butylbenzylphthalate	20.474	149	1219105	41.620	ng	95
81) Benzo(a)anthracene	21.380	228	3283983	42.820	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1236475	42.117	ng	100
83) Chrysene	21.439	228	3025120	42.619	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	1862578	42.571	ng	99
85) Di-n-octyl phthalate	22.427	149	2954982	40.954	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	3352076	42.790	ng	100
88) Benzo(b)fluoranthene	23.450	252	2964449	43.358	ng	99
89) Benzo(k)fluoranthene	23.509	252	2983657	43.141	ng	99
90) Benzo(a)pyrene	24.256	252	2715011	42.397	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	2723509	42.649	ng	99
92) Benzo(g,h,i)perylene	28.844	276	2571251	42.058	ng	99

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

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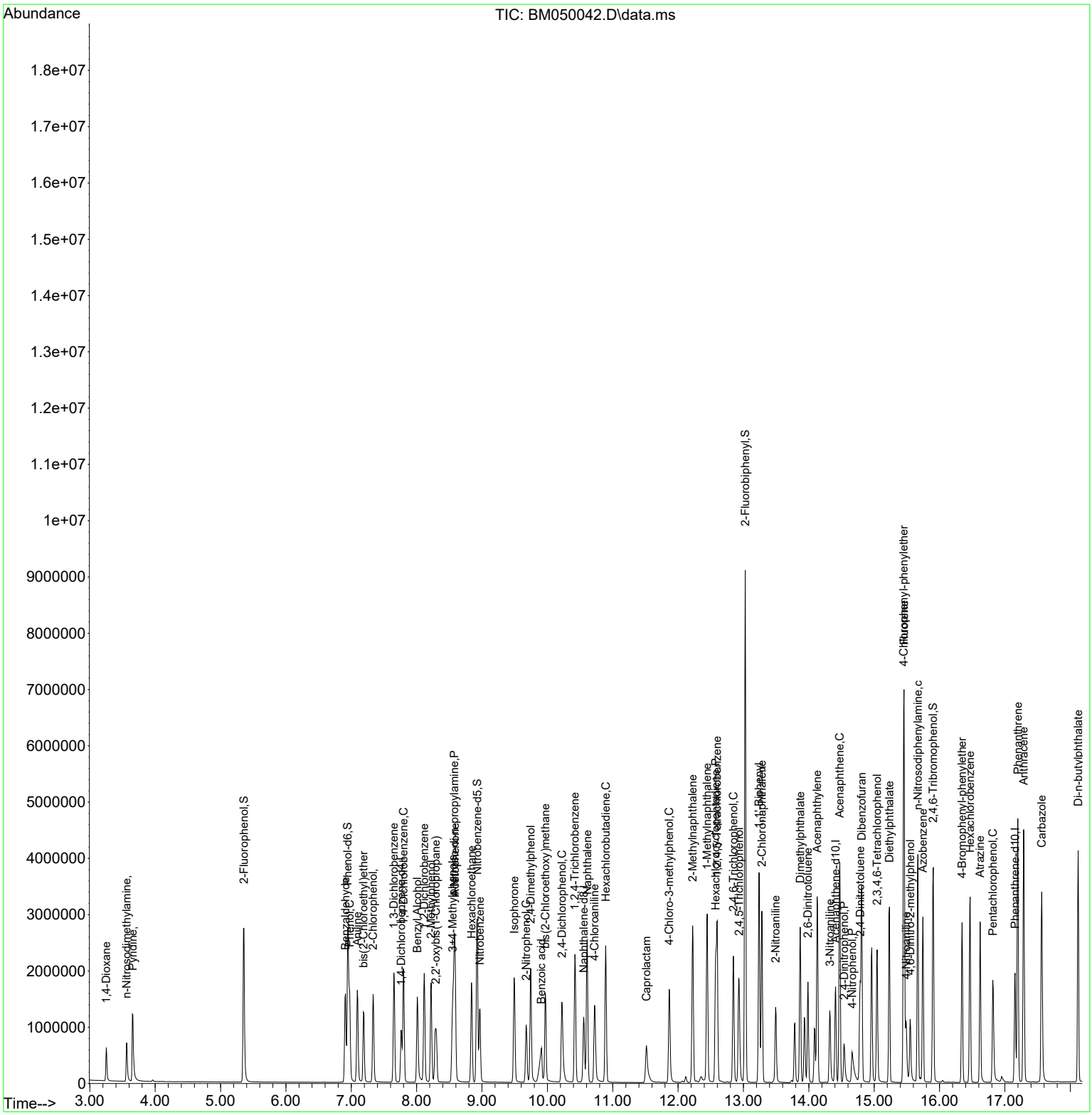

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