Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049994.D
Acq On : 22 Apr 2025 13:51
Operator : RC/JU
Sample : Q1848-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342MS

Quant Time: Apr 22 14:29:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	307367	20.000	ng		-0.02
21) Naphthalene-d8	10.557	136	1065817	20.000	ng		-0.02
39) Acenaphthene-d10	14.410	164	680264	20.000	ng		-0.01
64) Phenanthrene-d10	17.157	188	1323550	20.000	ng		0.00
76) Chrysene-d12	21.409	240	1359699	20.000	ng		0.00
86) Perylene-d12	24.421	264	1447717	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1397777	77.221	ng		0.00
7) Phenol-d6	6.951	99	2004705	89.015	ng		0.00
23) Nitrobenzene-d5	8.922	82	1212230	63.335	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	597079	60.343	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	3247644	64.737	ng		-0.02
79) Terphenyl-d14	19.786	244	4530705	62.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	247183	33.159	ng		99
3) Pyridine	3.652	79	686343	35.043	ng		99
4) n-Nitrosodimethylamine	3.557	42	293396	39.363	ng	#	96
6) Aniline	7.093	93	496790	25.744	ng		99
8) 2-Chlorophenol	7.340	128	821102	44.264	ng		100
9) Benzaldehyde	6.904	77	406617	35.184	ng		98
10) Phenol	6.981	94	988562	44.981	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	786664	45.645	ng		99
12) 1,3-Dichlorobenzene	7.657	146	940103	42.866	ng		99
13) 1,4-Dichlorobenzene	7.798	146	942131	42.694	ng		99
14) 1,2-Dichlorobenzene	8.116	146	915301	44.037	ng		99
15) Benzyl Alcohol	8.010	79	629877	44.415	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.287	45	870982	45.342	ng		99
17) 2-Methylphenol	8.222	107	633437	46.771	ng		99
18) Hexachloroethane	8.839	117	322530	42.010	ng		95
19) n-Nitroso-di-n-propyla...	8.575	70	545095	43.701	ng		99
20) 3+4-Methylphenols	8.551	107	850888	46.083	ng		99
22) Acetophenone	8.587	105	1100485	42.485	ng		99
24) Nitrobenzene	8.963	77	792650	43.009	ng		100
25) Isophorone	9.492	82	1493601	46.583	ng		100
26) 2-Nitrophenol	9.675	139	437275	44.765	ng		100
27) 2,4-Dimethylphenol	9.745	122	715209	64.607	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	928824	43.270	ng		99
29) 2,4-Dichlorophenol	10.222	162	826072	44.891	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	959262	45.061	ng		99
31) Naphthalene	10.610	128	2347599	42.866	ng		99
32) Benzoic acid	9.916	122	521429m	39.779	ng		
33) 4-Chloroaniline	10.728	127	384410	19.878	ng		98
34) Hexachlorobutadiene	10.892	225	620326	47.109	ng		98
35) Caprolactam	11.522	113	221570	41.982	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	706066	43.804	ng		98
37) 2-Methylnaphthalene	12.227	142	1566649	40.602	ng		99
38) 1-Methylnaphthalene	12.445	142	1630542	43.375	ng		100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1106280	46.485	ng		99
41) Hexachlorocyclopentadiene	12.575	237	672389	80.629	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	720782	47.595	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	782875	47.571	ng		99
46) 1,1'-Biphenyl	13.239	154	2258984	44.672	ng		99
47) 2-Chloronaphthalene	13.286	162	1794848	45.158	ng		98
48) 2-Nitroaniline	13.492	65	426623	46.397	ng		96
49) Acenaphthylene	14.133	152	3293862	56.892	ng		100
50) Dimethylphthalate	13.869	163	2094249	43.638	ng		99
51) 2,6-Dinitrotoluene	13.992	165	461426	45.891	ng		95
52) Acenaphthene	14.474	154	1914718	51.992	ng		99
53) 3-Nitroaniline	14.321	138	337788	34.759	ng		97
54) 2,4-Dinitrophenol	14.539	184	438765	62.040	ng		97
55) Dibenzofuran	14.810	168	2873189	46.670	ng		98
56) 4-Nitrophenol	14.669	139	781535	90.245	ng		98
57) 2,4-Dinitrotoluene	14.786	165	641321	47.810	ng		96
58) Fluorene	15.463	166	2549881	52.107	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	671291	46.539	ng		95
60) Diethylphthalate	15.233	149	1941141	42.177	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	1205616	45.952	ng		97
62) 4-Nitroaniline	15.486	138	419535	41.745	ng		98
63) Azobenzene	15.745	77	1750074	44.415	ng		96
65) 4,6-Dinitro-2-methylph...	15.557	198	303334	36.369	ng		97
66) n-Nitrosodiphenylamine	15.668	169	1824927	46.074	ng		100
67) 4-Bromophenyl-phenylether	16.345	248	731937	47.637	ng		97
68) Hexachlorobenzene	16.474	284	850981	48.286	ng		98
69) Atrazine	16.627	200	642441	62.556	ng		97
70) Pentachlorophenol	16.821	266	1232192	94.966	ng		99
71) Phenanthrene	17.204	178	9913817	136.625	ng		98
72) Anthracene	17.292	178	6436028	90.003	ng		99
73) Carbazole	17.562	167	3731417	55.401	ng		99
74) Di-n-butylphthalate	18.127	149	3283730	42.329	ng		100
75) Fluoranthene	19.221	202	17162282	192.363	ng		90
77) Benzidine	19.409	184	775135	42.972	ng		98
78) Pyrene	19.586	202	17021475	181.644	ng	#	82
80) Butylbenzylphthalate	20.480	149	1371030	38.937	ng		96
81) Benzo(a)anthracene	21.392	228	14069267	155.694	ng		96
82) 3,3'-Dichlorobenzidine	21.309	252	632485	18.534	ng		99
83) Chrysene	21.456	228	14369392	167.260	ng		95
84) Bis(2-ethylhexyl)phtha...	21.303	149	1984524	38.684	ng		98
85) Di-n-octyl phthalate	22.439	149	3390754	37.781	ng		99
87) Indeno(1,2,3-cd)pyrene	27.850	276	9553500	88.528	ng	#	95
88) Benzo(b)fluoranthene	23.491	252	17438389	188.604	ng		97
89) Benzo(k)fluoranthene	23.544	252	8391053	93.650	ng		97
90) Benzo(a)pyrene	24.291	252	10987656	135.236	ng		97
91) Dibenzo(a,h)anthracene	27.885	278	5315139	59.796	ng		98
92) Benzo(g,h,i)perylene	28.909	276	7582977	83.484	ng		97

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

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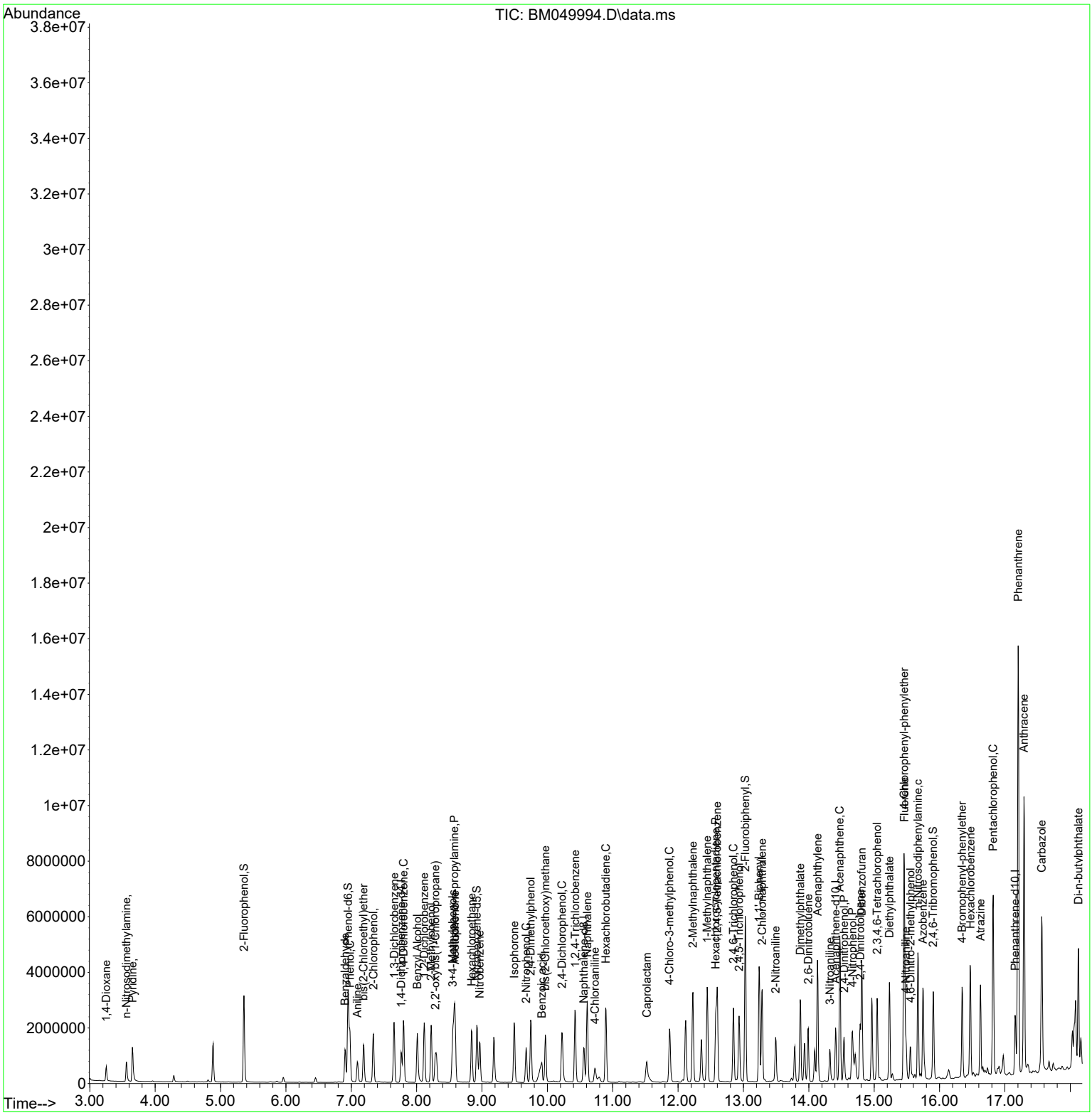

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