Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
Data File : BM049790.D
Acq On : 02 Apr 2025 14:46
Operator : RC/JU
Sample : Q1680-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 15:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP-4MS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	288430	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1028189	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	666035	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1326774	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1504663	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1365704	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1872654	109.551	ng	-0.02
7) Phenol-d6	6.963	99	2380044	110.948	ng	-0.02
23) Nitrobenzene-d5	8.945	82	1385182	69.168	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	997695	128.283	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3466144	65.176	ng	-0.02
79) Terphenyl-d14	19.792	244	5835594	65.355	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	319167	43.131	ng	100
3) Pyridine	3.669	79	885235	46.842	ng	98
4) n-Nitrosodimethylamine	3.575	42	398297	47.632	ng	98
6) Aniline	7.110	93	548576	30.524	ng	98
8) 2-Chlorophenol	7.351	128	891169	52.645	ng	98
9) Benzaldehyde	6.922	77	572759	54.008	ng	99
10) Phenol	6.987	94	1136237	54.625	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	852265	50.597	ng	99
12) 1,3-Dichlorobenzene	7.675	146	1015722	49.374	ng	98
13) 1,4-Dichlorobenzene	7.822	146	1022483	49.268	ng	99
14) 1,2-Dichlorobenzene	8.140	146	981883	49.782	ng	99
15) Benzyl Alcohol	8.028	79	754851	56.072	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1089174m	55.016	ng	
17) 2-Methylphenol	8.234	107	708517	57.373	ng	98
18) Hexachloroethane	8.869	117	367209	50.104	ng	93
19) n-Nitroso-di-n-propyla...	8.598	70	688211	55.326	ng	99
20) 3+4-Methylphenols	8.563	107	955691	57.747	ng	100
22) Acetophenone	8.610	105	1304291	49.198	ng	100
24) Nitrobenzene	8.987	77	954851	50.566	ng	99
25) Isophorone	9.516	82	1765566	57.421	ng	99
26) 2-Nitrophenol	9.692	139	429607	53.452	ng	97
27) 2,4-Dimethylphenol	9.763	122	764784	74.756	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1121010	51.764	ng	98
29) 2,4-Dichlorophenol	10.234	162	889779	53.376	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	996603	47.783	ng	99
31) Naphthalene	10.633	128	2529046	47.835	ng	100
32) Benzoic acid	9.898	122	520936m	59.874	ng	
33) 4-Chloroaniline	10.739	127	232890	12.907	ng	98
34) Hexachlorobutadiene	10.928	225	619997	48.153	ng	99
35) Caprolactam	11.522	113	230576m	59.576	ng	
36) 4-Chloro-3-methylphenol	11.875	107	812416	56.789	ng	99
37) 2-Methylnaphthalene	12.245	142	1681703	45.489	ng	99
38) 1-Methylnaphthalene	12.469	142	1764234	49.463	ng	100
40) 1,2,4,5-Tetrachloroben...	12.616	216	1207860	49.371	ng	98
41) Hexachlorocyclopentadiene	12.604	237	1679836	185.343	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	738316	53.884	ng	98

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44)	2,4,5-Trichlorophenol	12.933	196	809938	54.168	ng	99
46)	1,1'-Biphenyl	13.263	154	2487540	48.460	ng	100
47)	2-Chloronaphthalene	13.304	162	1946566	48.719	ng	99
48)	2-Nitroaniline	13.504	65	513127	57.209	ng	99
49)	Acenaphthylene	14.151	152	3056405	54.727	ng	100
50)	Dimethylphthalate	13.892	163	2388887	52.095	ng	100
51)	2,6-Dinitrotoluene	13.998	165	493122	53.669	ng	97
52)	Acenaphthene	14.492	154	1806556	49.315	ng	99
53)	3-Nitroaniline	14.327	138	139590	15.965	ng	98
54)	2,4-Dinitrophenol	14.533	184	596782	94.884	ng	98
55)	Dibenzofuran	14.827	168	2919212	47.823	ng	100
56)	4-Nitrophenol	14.645	139	925835	121.647	ng	99
57)	2,4-Dinitrotoluene	14.786	165	699485	59.162	ng	97
58)	Fluorene	15.480	166	2581609	51.944	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.057	232	679910	54.323	ng	99
60)	Diethylphthalate	15.257	149	2272395	52.616	ng	100
61)	4-Chlorophenyl-phenyle...	15.474	204	1397542	51.495	ng	97
62)	4-Nitroaniline	15.492	138	485176	46.744	ng	100
63)	Azobenzene	15.763	77	2245128	54.424	ng	99
65)	4,6-Dinitro-2-methylph...	15.551	198	372846	50.880	ng	92
66)	n-Nitrosodiphenylamine	15.686	169	2043931	50.846	ng	99
67)	4-Bromophenyl-phenylether	16.363	248	773859	50.518	ng	98
68)	Hexachlorobenzene	16.480	284	867459	50.358	ng	99
69)	Atrazine	16.639	200	732011	82.628	ng	99
70)	Pentachlorophenol	16.821	266	1291634	119.317	ng	99
71)	Phenanthrene	17.210	178	3808506	51.695	ng	100
72)	Anthracene	17.304	178	3889796	54.518	ng	100
73)	Carbazole	17.568	167	3449972	53.392	ng	100
74)	Di-n-butylphthalate	18.139	149	4063357	57.375	ng	99
75)	Fluoranthene	19.227	202	4653393	54.863	ng	100
77)	Benzidine	19.409	184	2044623	113.106	ng	99
78)	Pyrene	19.586	202	4837699	46.019	ng	100
80)	Butylbenzylphthalate	20.492	149	1725264	52.883	ng	97
81)	Benzo(a)anthracene	21.386	228	4863148	48.389	ng	99
82)	3,3'-Dichlorobenzidine	21.309	252	592681	18.113	ng	99
83)	Chrysene	21.450	228	4537084	47.624	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.315	149	2660108	52.320	ng	100
85)	Di-n-octyl phthalate	22.450	149	4180859	52.906	ng	100
87)	Indeno(1,2,3-cd)pyrene	27.785	276	5162214	52.516	ng	100
88)	Benzo(b)fluoranthene	23.456	252	4390404	47.730	ng	99
89)	Benzo(k)fluoranthene	23.521	252	4499534	49.712	ng	99
90)	Benzo(a)pyrene	24.262	252	4154634	53.772	ng	99
91)	Dibenzo(a,h)anthracene	27.844	278	4228197	51.628	ng	99
92)	Benzo(g,h,i)perylene	28.838	276	4076988	49.422	ng	99

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

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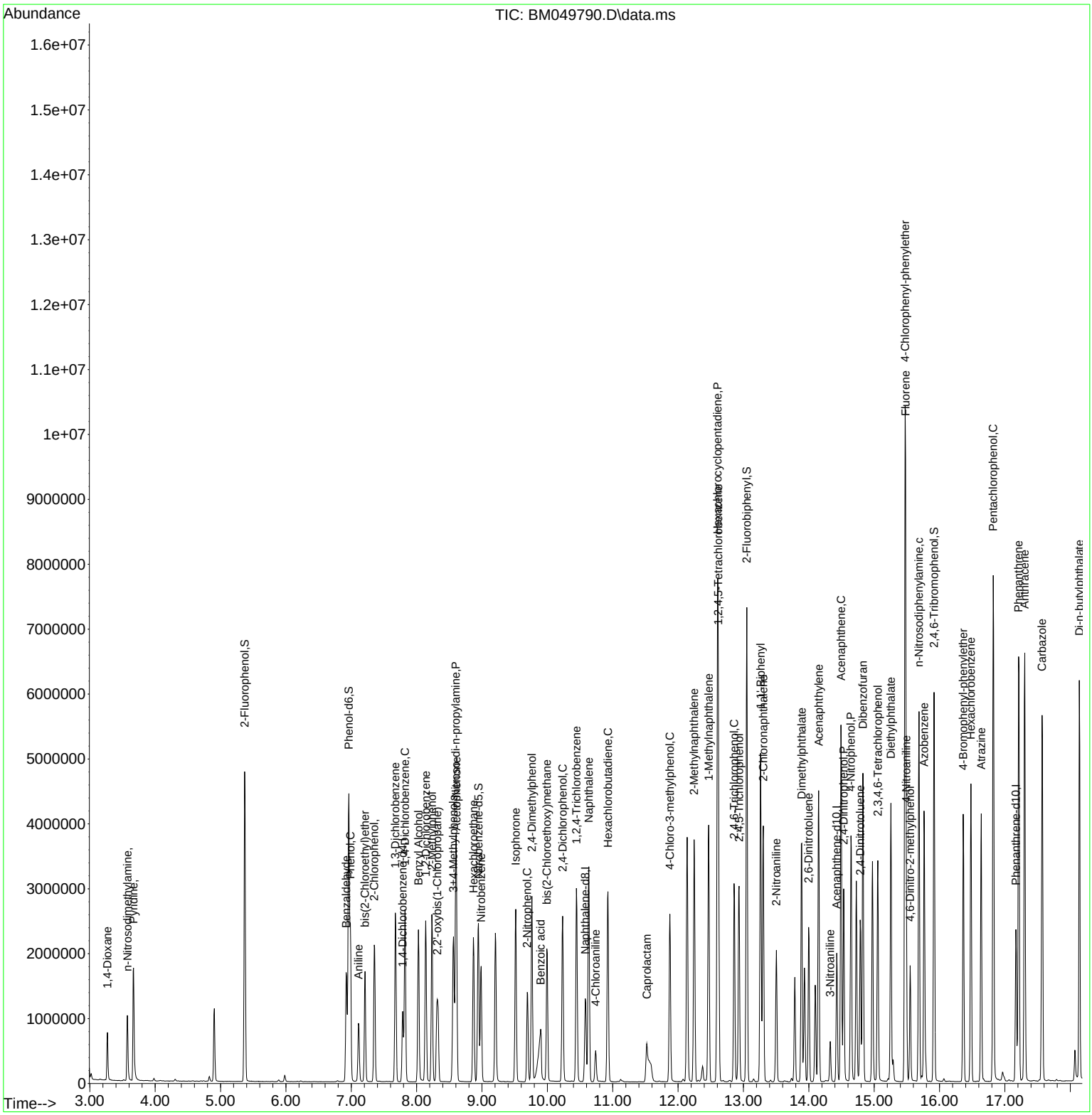

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