Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
Data File : BM049791.D
Acq On : 02 Apr 2025 15:25
Operator : RC/JU
Sample : Q1680-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4MSD

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

Quant Time: Apr 02 16:01:30 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	285247	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	987432	20.000	ng	-0.02
39) Acenaphthene-d10	14.428	164	622090	20.000	ng	-0.02
64) Phenanthrene-d10	17.169	188	1219611	20.000	ng	-0.02
76) Chrysene-d12	21.404	240	1454052	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1330003	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1810102	107.073	ng	-0.02
7) Phenol-d6	6.963	99	2285347	107.722	ng	-0.02
23) Nitrobenzene-d5	8.946	82	1346832	70.029	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	930832	128.141	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3265871	65.748	ng	-0.02
79) Terphenyl-d14	19.792	244	5591659	64.803	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	317717	43.414	ng	99
3) Pyridine	3.669	79	883578	47.276	ng	98
4) n-Nitrosodimethylamine	3.575	42	391872	47.387	ng	99
6) Aniline	7.110	93	548638	30.868	ng	99
8) 2-Chlorophenol	7.352	128	859321	51.331	ng	98
9) Benzaldehyde	6.922	77	559235	53.322	ng	99
10) Phenol	6.987	94	1102541	53.596	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	836332	50.205	ng	99
12) 1,3-Dichlorobenzene	7.675	146	996523	48.982	ng	98
13) 1,4-Dichlorobenzene	7.822	146	1008639	49.143	ng	98
14) 1,2-Dichlorobenzene	8.140	146	961349	49.285	ng	99
15) Benzyl Alcohol	8.028	79	733906	55.125	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1052681m	53.766	ng	
17) 2-Methylphenol	8.234	107	680490	55.718	ng	98
18) Hexachloroethane	8.869	117	364611	50.305	ng	93
19) n-Nitroso-di-n-propyla...	8.593	70	663048	53.898	ng	99
20) 3+4-Methylphenols	8.563	107	920657	56.251	ng	99
22) Acetophenone	8.610	105	1260866	49.523	ng	99
24) Nitrobenzene	8.987	77	916861	50.558	ng	99
25) Isophorone	9.516	82	1688068	57.167	ng	99
26) 2-Nitrophenol	9.698	139	411650	53.332	ng	98
27) 2,4-Dimethylphenol	9.763	122	734120	74.721	ng	98
28) bis(2-Chloroethoxy)met...	9.993	93	1073861	51.634	ng	100
29) 2,4-Dichlorophenol	10.234	162	846017	52.845	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	963738	48.115	ng	100
31) Naphthalene	10.634	128	2433757	47.933	ng	100
32) Benzoic acid	9.898	122	498848m	59.702	ng	
33) 4-Chloroaniline	10.740	127	215280	12.424	ng	98
34) Hexachlorobutadiene	10.928	225	603739	48.826	ng	97
35) Caprolactam	11.522	113	217232m	58.445	ng	
36) 4-Chloro-3-methylphenol	11.875	107	765125	55.691	ng	98
37) 2-Methylnaphthalene	12.245	142	1606088	45.237	ng	100
38) 1-Methylnaphthalene	12.469	142	1685394	49.203	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	1144521	50.087	ng	98
41) Hexachlorocyclopentadiene	12.604	237	1590576	187.891	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	706586	55.211	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	765076	54.782	ng	98
46) 1,1'-Biphenyl	13.263	154	2355527	49.130	ng	100
47) 2-Chloronaphthalene	13.304	162	1854688	49.698	ng	99
48) 2-Nitroaniline	13.504	65	481562	57.482	ng	98
49) Acenaphthylene	14.151	152	2879860	55.208	ng	99
50) Dimethylphthalate	13.886	163	2229742	52.060	ng	100
51) 2,6-Dinitrotoluene	13.998	165	467608	54.487	ng	99
52) Acenaphthene	14.492	154	1693441	49.492	ng	100
53) 3-Nitroaniline	14.328	138	140849	17.247	ng	100
54) 2,4-Dinitrophenol	14.533	184	564920	95.757	ng	98
55) Dibenzofuran	14.828	168	2751509	48.259	ng	100
56) 4-Nitrophenol	14.645	139	885776	124.605	ng	99
57) 2,4-Dinitrotoluene	14.786	165	657095	59.503	ng	95
58) Fluorene	15.475	166	2428898	52.324	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	635036	54.322	ng	98
60) Diethylphthalate	15.257	149	2131529	52.840	ng	99
61) 4-Chlorophenyl-phenyle...	15.475	204	1305078	51.485	ng	98
62) 4-Nitroaniline	15.492	138	452177	46.651	ng	99
63) Azobenzene	15.763	77	2098190	54.455	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	344840	51.120	ng	93
66) n-Nitrosodiphenylamine	15.686	169	1927904	52.174	ng	98
67) 4-Bromophenyl-phenylether	16.363	248	715665	50.824	ng	99
68) Hexachlorobenzene	16.480	284	811164	51.227	ng	98
69) Atrazine	16.639	200	687408	84.411	ng	99
70) Pentachlorophenol	16.822	266	1207350	121.331	ng	99
71) Phenanthrene	17.210	178	3541932	52.301	ng	100
72) Anthracene	17.304	178	3623871	55.254	ng	100
73) Carbazole	17.569	167	3261915	54.917	ng	100
74) Di-n-butylphthalate	18.139	149	3778400	58.039	ng	99
75) Fluoranthene	19.227	202	4394849	56.367	ng	100
77) Benzidine	19.410	184	1988888	113.853	ng	100
78) Pyrene	19.586	202	4571851	45.004	ng	99
80) Butylbenzylphthalate	20.492	149	1660124	52.658	ng	98
81) Benzo(a)anthracene	21.386	228	4767016	49.083	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	574038	18.154	ng	99
83) Chrysene	21.451	228	4389580	47.679	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2571056	52.328	ng	99
85) Di-n-octyl phthalate	22.451	149	4145890	54.290	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	5031153	52.557	ng	100
88) Benzo(b)fluoranthene	23.456	252	4369536	48.778	ng	99
89) Benzo(k)fluoranthene	23.521	252	4494201	50.986	ng	99
90) Benzo(a)pyrene	24.262	252	4115840	54.700	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	4117900	51.631	ng	100
92) Benzo(g,h,i)perylene	28.838	276	3931300	48.935	ng	99

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

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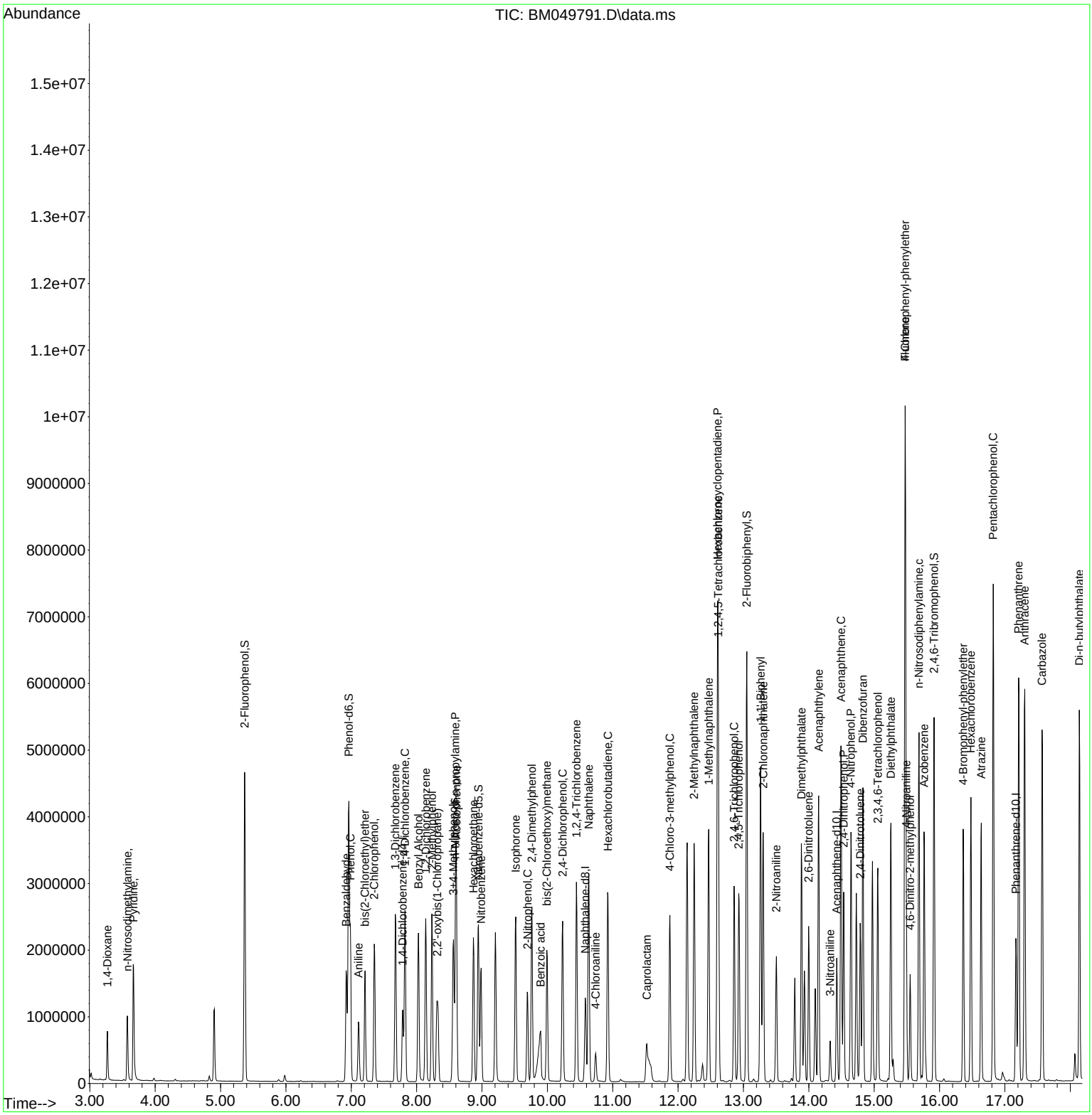

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