Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049865.D
Acq On : 09 Apr 2025 13:08
Operator : RC/JU
Sample : Q1744-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-158-SB01MS

Quant Time: Apr 10 01:41:37 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	7.775	152	298114	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	1050152	20.000	ng		0.00
39) Acenaphthene-d10	14.421	164	691142	20.000	ng		0.00
64) Phenanthrene-d10	17.162	188	1385053	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1462184	20.000	ng		0.00
86) Perylene-d12	24.391	264	1514539	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	2155451	122.776	ng		0.00
7) Phenol-d6	6.951	99	2724158	124.716	ng		0.00
23) Nitrobenzene-d5	8.934	82	1562799	82.869	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1354417	134.729	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	4162286	81.663	ng		0.00
79) Terphenyl-d14	19.786	244	6978001	89.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	309728	42.838	ng		99
3) Pyridine	3.657	79	835012	43.957	ng		99
4) n-Nitrosodimethylamine	3.563	42	327410	45.290	ng		97
6) Aniline	7.104	93	421157	22.502	ng		99
8) 2-Chlorophenol	7.345	128	863377	47.988	ng		99
9) Benzaldehyde	6.916	77	478135	42.656	ng		98
10) Phenol	6.975	94	1072705	50.325	ng		99
11) bis(2-Chloroethyl)ether	7.198	93	779707	46.646	ng		98
12) 1,3-Dichlorobenzene	7.663	146	989476	46.518	ng		98
13) 1,4-Dichlorobenzene	7.810	146	994756	46.478	ng		100
14) 1,2-Dichlorobenzene	8.128	146	951142	47.181	ng		99
15) Benzyl Alcohol	8.016	79	687559	49.988	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.304	45	912146	48.959	ng		99
17) 2-Methylphenol	8.222	107	671680	51.134	ng		98
18) Hexachloroethane	8.857	117	347778	46.705	ng		99
19) n-Nitroso-di-n-propyla...	8.581	70	585438	48.392	ng		99
20) 3+4-Methylphenols	8.551	107	921924	51.480	ng		99
22) Acetophenone	8.598	105	1181375	46.289	ng	#	99
24) Nitrobenzene	8.975	77	842536	46.397	ng		98
25) Isophorone	9.504	82	1587310	50.244	ng		99
26) 2-Nitrophenol	9.686	139	447885	46.535	ng		99
27) 2,4-Dimethylphenol	9.751	122	756789	69.382	ng		99
28) bis(2-Chloroethoxy)met...	9.981	93	998019	47.187	ng		99
29) 2,4-Dichlorophenol	10.222	162	867930	47.870	ng		98
30) 1,2,4-Trichlorobenzene	10.434	180	953445	45.456	ng		99
31) Naphthalene	10.622	128	2418053	44.811	ng		99
32) Benzoic acid	9.886	122	566179	42.966	ng		98
33) 4-Chloroaniline	10.728	127	212114	11.132	ng		99
34) Hexachlorobutadiene	10.910	225	592511	45.668	ng		99
35) Caprolactam	11.510	113	244776	47.070	ng		95
36) 4-Chloro-3-methylphenol	11.863	107	780324	49.133	ng		99
37) 2-Methylnaphthalene	12.233	142	1605733	42.235	ng		100
38) 1-Methylnaphthalene	12.457	142	1688879	45.597	ng		100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1105688	45.728	ng		99
41) Hexachlorocyclopentadiene	12.592	237	1498293	176.840	ng		100
43) 2,4,6-Trichlorophenol	12.851	196	737476	47.931	ng		99

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44) 2,4,5-Trichlorophenol	12.922	196	799432	47.812	ng	99
46) 1,1'-Biphenyl	13.251	154	2353870	45.815	ng	100
47) 2-Chloronaphthalene	13.292	162	1863914	46.157	ng	99
48) 2-Nitroaniline	13.492	65	458167	49.043	ng	98
49) Acenaphthylene	14.139	152	2960303	50.326	ng	99
50) Dimethylphthalate	13.874	163	2262384	46.399	ng	99
51) 2,6-Dinitrotoluene	13.992	165	490899	48.053	ng	98
52) Acenaphthene	14.486	154	1735053	46.372	ng	99
53) 3-Nitroaniline	14.321	138	132704	13.440	ng	100
54) 2,4-Dinitrophenol	14.527	184	621378	83.632	ng	98
55) Dibenzofuran	14.821	168	2807021	44.878	ng	98
56) 4-Nitrophenol	14.639	139	930802	105.790	ng	100
57) 2,4-Dinitrotoluene	14.780	165	697374	51.170	ng	97
58) Fluorene	15.468	166	2361809	47.504	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	689387	47.041	ng	99
60) Diethylphthalate	15.245	149	2130155	45.556	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1275390	47.847	ng	99
62) 4-Nitroaniline	15.480	138	451987	44.266	ng	99
63) Azobenzene	15.757	77	2042909	51.031	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	401583	46.011	ng	99
66) n-Nitrosodiphenylamine	15.674	169	1992233	48.064	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	755272	46.973	ng	96
68) Hexachlorobenzene	16.474	284	874487	47.416	ng	98
69) Atrazine	16.627	200	726702	67.619	ng	97
70) Pentachlorophenol	16.815	266	1316399	96.951	ng	99
71) Phenanthrene	17.204	178	3664770	48.263	ng	100
72) Anthracene	17.292	178	3737841	49.950	ng	100
73) Carbazole	17.562	167	3424599	48.588	ng	100
74) Di-n-butylphthalate	18.133	149	3797075	46.773	ng	99
75) Fluoranthene	19.221	202	4521849	48.432	ng	98
77) Benzidine	19.404	184	1817127	93.676	ng	100
78) Pyrene	19.580	202	4732548	46.963	ng	99
80) Butylbenzylphthalate	20.480	149	1682886	44.444	ng	99
81) Benzo(a)anthracene	21.380	228	4823789	49.640	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	545235	14.857	ng	100
83) Chrysene	21.445	228	4624441	50.056	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	2462859	44.643	ng	99
85) Di-n-octyl phthalate	22.439	149	4144598	42.944	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	5555016	49.205	ng	99
88) Benzo(b)fluoranthene	23.450	252	4850380	50.145	ng	99
89) Benzo(k)fluoranthene	23.515	252	4897679	52.250	ng	100
90) Benzo(a)pyrene	24.256	252	4441609	52.256	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	4529739	48.712	ng	100
92) Benzo(g,h,i)perylene	28.832	276	4410499	46.414	ng	99

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

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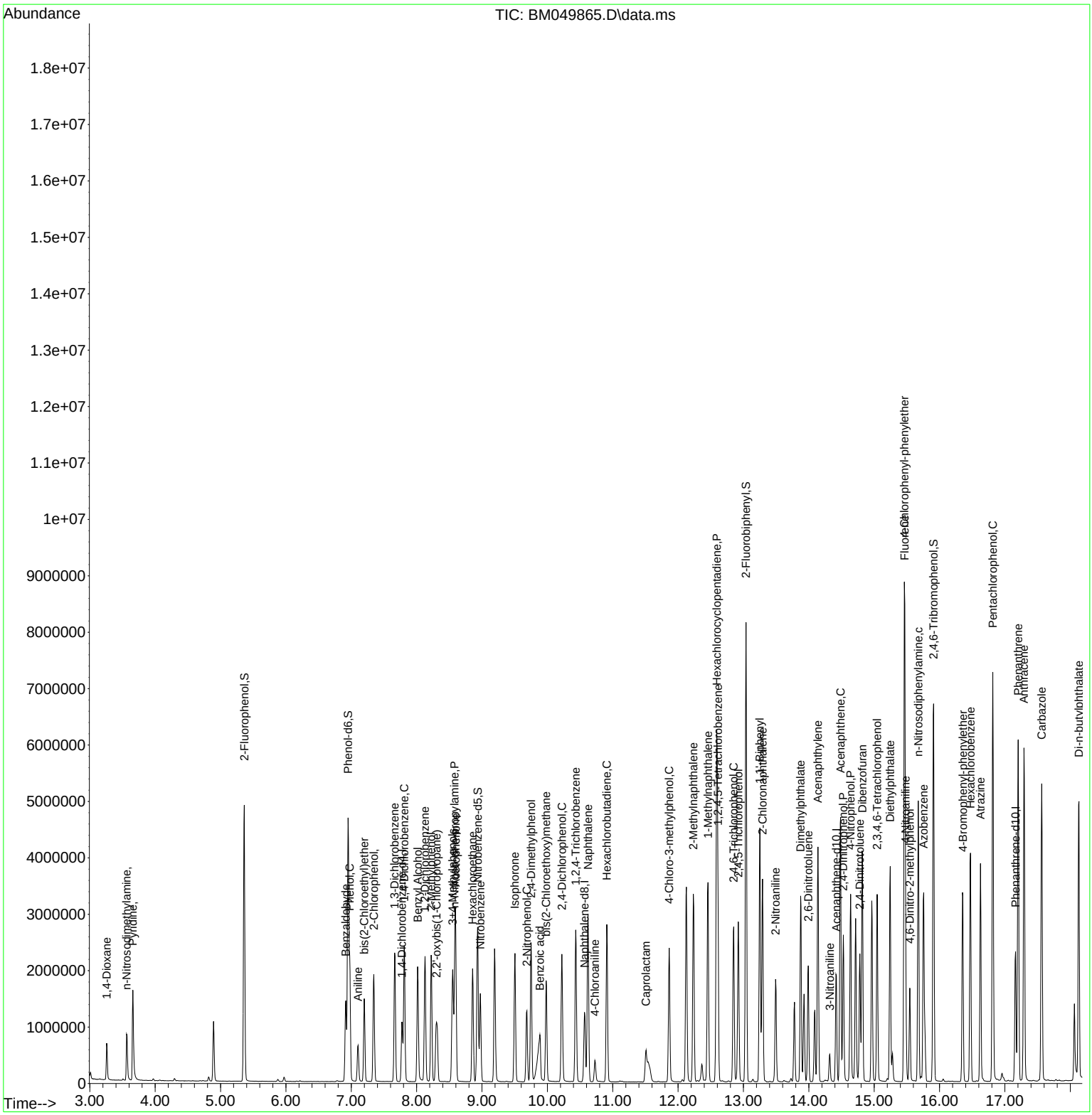

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