Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049866.D
Acq On : 09 Apr 2025 13:47
Operator : RC/JU
Sample : Q1744-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-158-SB01MSD

Quant Time: Apr 10 01:42:57 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	285351	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	1005761	20.000	ng		0.00
39) Acenaphthene-d10	14.421	164	663787	20.000	ng		0.00
64) Phenanthrene-d10	17.162	188	1342339	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1401873	20.000	ng		0.00
86) Perylene-d12	24.391	264	1461448	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	2136954	127.167	ng		0.00
7) Phenol-d6	6.951	99	2724008	130.287	ng		0.00
23) Nitrobenzene-d5	8.933	82	1557737	86.246	ng		0.00
42) 2,4,6-Tribromophenol	15.909	330	1357374	140.587	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	4170498	85.197	ng		0.00
79) Terphenyl-d14	19.786	244	6980310	93.314	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	306237	44.250	ng		99
3) Pyridine	3.657	79	824020	45.318	ng		100
4) n-Nitrosodimethylamine	3.563	42	324177	46.848	ng		97
6) Aniline	7.104	93	420957	23.497	ng		99
8) 2-Chlorophenol	7.345	128	864396	50.194	ng		98
9) Benzaldehyde	6.916	77	477912	44.543	ng		98
10) Phenol	6.975	94	1066445	52.269	ng		99
11) bis(2-Chloroethyl)ether	7.198	93	776399	48.525	ng		100
12) 1,3-Dichlorobenzene	7.663	146	980458	48.155	ng		99
13) 1,4-Dichlorobenzene	7.810	146	992255	48.434	ng		98
14) 1,2-Dichlorobenzene	8.128	146	950955	49.282	ng		99
15) Benzyl Alcohol	8.016	79	693613	52.683	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	901093	50.529	ng		99
17) 2-Methylphenol	8.222	107	672939	53.521	ng		99
18) Hexachloroethane	8.857	117	341526	47.917	ng		98
19) n-Nitroso-di-n-propyla...	8.581	70	582254	50.282	ng		99
20) 3+4-Methylphenols	8.551	107	917509	53.525	ng		99
22) Acetophenone	8.598	105	1167291	47.755	ng	#	99
24) Nitrobenzene	8.975	77	835602	48.046	ng		98
25) Isophorone	9.504	82	1576133	52.092	ng		99
26) 2-Nitrophenol	9.686	139	445919	48.376	ng		99
27) 2,4-Dimethylphenol	9.751	122	761170	72.864	ng		98
28) bis(2-Chloroethoxy)met...	9.980	93	996102	49.175	ng		99
29) 2,4-Dichlorophenol	10.222	162	874134	50.340	ng		99
30) 1,2,4-Trichlorobenzene	10.433	180	956323	47.606	ng		100
31) Naphthalene	10.622	128	2397631	46.394	ng		99
32) Benzoic acid	9.886	122	566036	44.477	ng		98
33) 4-Chloroaniline	10.727	127	220350	12.075	ng		99
34) Hexachlorobutadiene	10.910	225	588579	47.367	ng		98
35) Caprolactam	11.510	113	247722	49.739	ng		99
36) 4-Chloro-3-methylphenol	11.863	107	776696	51.063	ng		99
37) 2-Methylnaphthalene	12.233	142	1595016	43.805	ng		99
38) 1-Methylnaphthalene	12.457	142	1678627	47.320	ng		100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1117353	48.115	ng		98
41) Hexachlorocyclopentadiene	12.592	237	1486422	182.669	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	734045	49.674	ng		97

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44) 2,4,5-Trichlorophenol	12.921	196	804889	50.122	ng	99
46) 1,1'-Biphenyl	13.251	154	2349677	47.618	ng	100
47) 2-Chloronaphthalene	13.292	162	1871890	48.265	ng	99
48) 2-Nitroaniline	13.492	65	456335	50.860	ng	98
49) Acenaphthylene	14.139	152	2972105	52.609	ng	100
50) Dimethylphthalate	13.874	163	2283140	48.754	ng	99
51) 2,6-Dinitrotoluene	13.992	165	492479	50.195	ng	99
52) Acenaphthene	14.480	154	1724643	47.994	ng	99
53) 3-Nitroaniline	14.321	138	130642	13.777	ng	98
54) 2,4-Dinitrophenol	14.527	184	629408	87.809	ng	98
55) Dibenzofuran	14.821	168	2836442	47.217	ng	98
56) 4-Nitrophenol	14.639	139	934371	110.572	ng	99
57) 2,4-Dinitrotoluene	14.780	165	698694	53.380	ng	98
58) Fluorene	15.468	166	2375933	49.757	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	692400	49.194	ng	99
60) Diethylphthalate	15.245	149	2148314	47.838	ng	99
61) 4-Chlorophenyl-phenyle...	15.462	204	1280962	50.036	ng	99
62) 4-Nitroaniline	15.486	138	455783	46.478	ng	99
63) Azobenzene	15.757	77	2029859	52.794	ng	97
65) 4,6-Dinitro-2-methylph...	15.545	198	406755	48.087	ng	99
66) n-Nitrosodiphenylamine	15.674	169	1993763	49.632	ng	99
67) 4-Bromophenyl-phenylether	16.356	248	758871	48.699	ng	96
68) Hexachlorobenzene	16.474	284	874754	48.940	ng	98
69) Atrazine	16.627	200	737371	70.795	ng	99
70) Pentachlorophenol	16.815	266	1321712	100.440	ng	99
71) Phenanthrene	17.203	178	3676782	49.961	ng	100
72) Anthracene	17.292	178	3760847	51.857	ng	100
73) Carbazole	17.562	167	3446827	50.460	ng	100
74) Di-n-butylphthalate	18.133	149	3801949	48.323	ng	100
75) Fluoranthene	19.221	202	4538028	50.152	ng	99
77) Benzidine	19.403	184	1757189	94.484	ng	99
78) Pyrene	19.580	202	4707504	48.725	ng	99
80) Butylbenzylphthalate	20.480	149	1704963	46.964	ng	100
81) Benzo(a)anthracene	21.380	228	4791802	51.432	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	548354	15.585	ng	99
83) Chrysene	21.444	228	4591192	51.834	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	2464666	46.598	ng	99
85) Di-n-octyl phthalate	22.438	149	4181805	45.193	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	5591757	51.330	ng	99
88) Benzo(b)fluoranthene	23.450	252	4901336	52.512	ng	99
89) Benzo(k)fluoranthene	23.515	252	4863511	53.770	ng	100
90) Benzo(a)pyrene	24.256	252	4421640	53.910	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	4528137	50.463	ng	100
92) Benzo(g,h,i)perylene	28.838	276	4423237	48.240	ng	99

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

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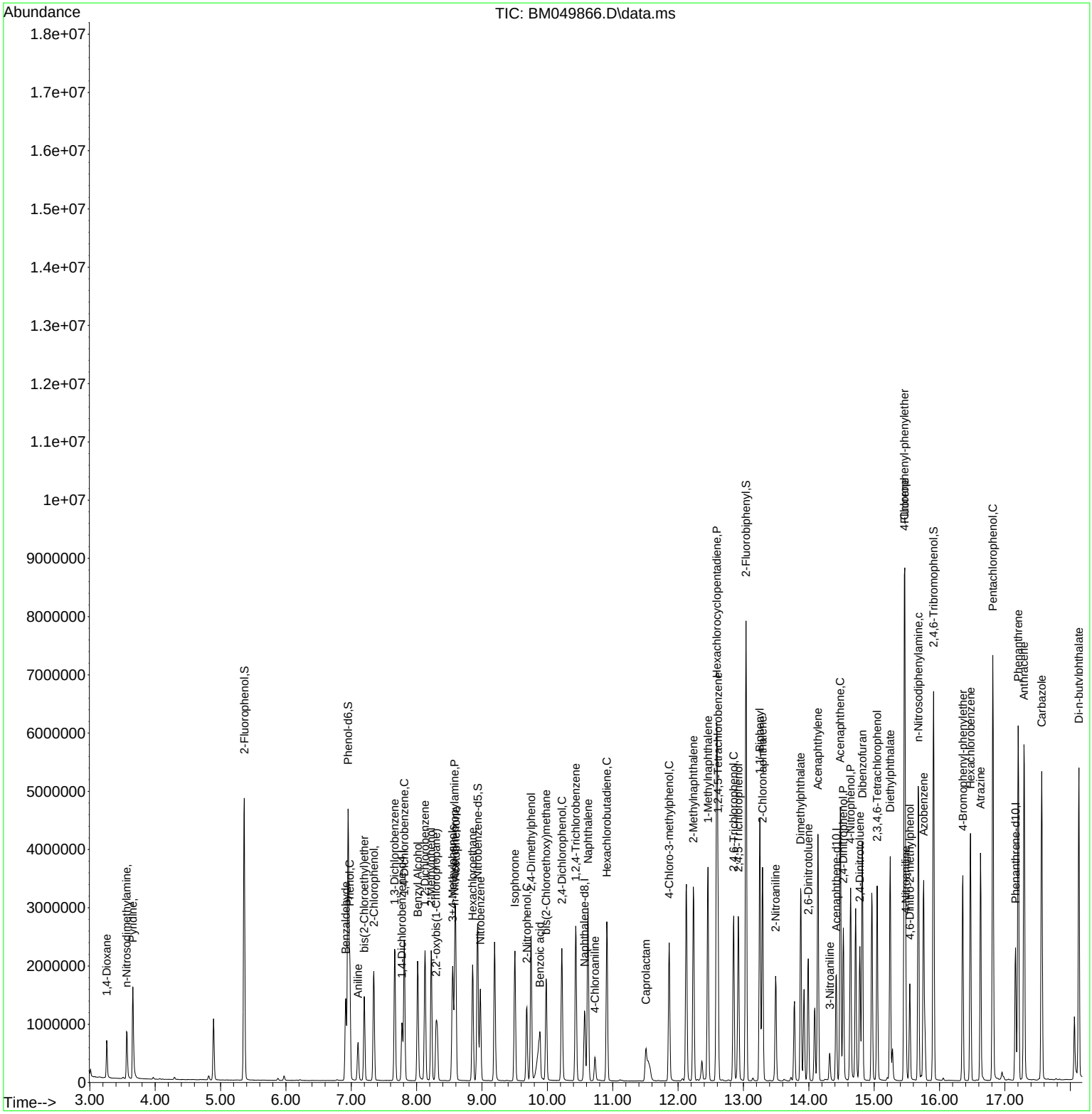

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