Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050010.D
Acq On : 23 Apr 2025 12:36
Operator : RC/JU
Sample : PB167694BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 23 13:16:00 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

Instrument :
BNA_M
ClientSampleId :
PB167694BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	317407	20.000	ng		-0.02
21) Naphthalene-d8	10.557	136	1068100	20.000	ng		-0.02
39) Acenaphthene-d10	14.410	164	644714	20.000	ng		-0.01
64) Phenanthrene-d10	17.157	188	1160163	20.000	ng		0.00
76) Chrysene-d12	21.397	240	977637	20.000	ng		0.00
86) Perylene-d12	24.397	264	965379	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2335796	124.961	ng		0.00
7) Phenol-d6	6.951	99	2806053	120.657	ng		0.00
23) Nitrobenzene-d5	8.922	82	1675641	87.359	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	1253713	133.692	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4318506	90.830	ng		-0.02
79) Terphenyl-d14	19.780	244	5798487	111.152	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	262575	34.109	ng		98
3) Pyridine	3.651	79	725928	35.891	ng		100
4) n-Nitrosodimethylamine	3.557	42	315184	40.949	ng		96
6) Aniline	7.092	93	699344	35.094	ng		100
8) 2-Chlorophenol	7.334	128	812385	42.409	ng		99
9) Benzaldehyde	6.904	77	400088	33.524	ng		99
10) Phenol	6.975	94	942918	41.547	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	759207	42.659	ng		99
12) 1,3-Dichlorobenzene	7.651	146	961546	42.457	ng		99
13) 1,4-Dichlorobenzene	7.798	146	966116	42.396	ng		99
14) 1,2-Dichlorobenzene	8.116	146	925465	43.117	ng		99
15) Benzyl Alcohol	8.010	79	627090	42.820	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	909997	45.874	ng		100
17) 2-Methylphenol	8.222	107	615007	43.974	ng		99
18) Hexachloroethane	8.839	117	342914	43.253	ng		96
19) n-Nitroso-di-n-propyla...	8.575	70	558448	43.355	ng		98
20) 3+4-Methylphenols	8.551	107	814087	42.696	ng		97
22) Acetophenone	8.586	105	1094877	42.179	ng	#	99
24) Nitrobenzene	8.963	77	790137	42.781	ng		99
25) Isophorone	9.492	82	1459762	45.430	ng		100
26) 2-Nitrophenol	9.675	139	423997	43.313	ng		100
27) 2,4-Dimethylphenol	9.745	122	679478	61.248	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	930464	43.254	ng		99
29) 2,4-Dichlorophenol	10.222	162	766418	41.561	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	918188	43.040	ng		100
31) Naphthalene	10.604	128	2247085	40.943	ng		99
32) Benzoic acid	9.910	122	446278m	35.219	ng		
33) 4-Chloroaniline	10.727	127	277229	14.305	ng		98
34) Hexachlorobutadiene	10.892	225	598452	45.351	ng		98
35) Caprolactam	11.522	113	194391	36.753	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	653385	40.449	ng		99
37) 2-Methylnaphthalene	12.222	142	1449016	37.473	ng		99
38) 1-Methylnaphthalene	12.445	142	1521509	40.388	ng		99
40) 1,2,4,5-Tetrachloroben...	12.598	216	1023195	45.364	ng		99
41) Hexachlorocyclopentadiene	12.574	237	1317895	166.749	ng		100
43) 2,4,6-Trichlorophenol	12.845	196	643485	44.834	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	681825	43.715	ng	99
46) 1,1'-Biphenyl	13.239	154	2072477	43.243	ng	100
47) 2-Chloronaphthalene	13.280	162	1634125	43.381	ng	99
48) 2-Nitroaniline	13.492	65	385657	44.254	ng	96
49) Acenaphthylene	14.127	152	2525238	46.022	ng	99
50) Dimethylphthalate	13.868	163	1923931	42.299	ng	100
51) 2,6-Dinitrotoluene	13.986	165	413302	43.371	ng	99
52) Acenaphthene	14.474	154	1463317	41.926	ng	100
53) 3-Nitroaniline	14.321	138	218556	23.730	ng	99
54) 2,4-Dinitrophenol	14.539	184	504570	73.737	ng	97
55) Dibenzofuran	14.810	168	2381887	40.823	ng	99
56) 4-Nitrophenol	14.668	139	612340	74.607	ng	98
57) 2,4-Dinitrotoluene	14.780	165	571859	44.982	ng	99
58) Fluorene	15.457	166	1950311	42.052	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.045	232	553685	40.502	ng	98
60) Diethylphthalate	15.233	149	1771689	40.618	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1086869	43.710	ng	100
62) 4-Nitroaniline	15.486	138	370855	38.936	ng	97
63) Azobenzene	15.745	77	1527934	40.915	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	324606	44.401	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1611390	46.412	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	638528	47.410	ng	97
68) Hexachlorobenzene	16.468	284	729728	47.237	ng	99
69) Atrazine	16.621	200	561443	62.368	ng	99
70) Pentachlorophenol	16.815	266	902548	79.357	ng	99
71) Phenanthrene	17.198	178	2827013	44.447	ng	100
72) Anthracene	17.286	178	2883898	46.009	ng	100
73) Carbazole	17.562	167	2455654	41.594	ng	99
74) Di-n-butylphthalate	18.121	149	2904638	42.715	ng	100
75) Fluoranthene	19.215	202	3184353	40.718	ng	99
77) Benzidine	19.403	184	1078423	83.149	ng	99
78) Pyrene	19.580	202	3263187	48.432	ng	99
80) Butylbenzylphthalate	20.474	149	1174127	46.377	ng	99
81) Benzo(a)anthracene	21.380	228	2952899	45.448	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	740056	30.161	ng	99
83) Chrysene	21.444	228	2716839	43.983	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1687156	45.740	ng	99
85) Di-n-octyl phthalate	22.427	149	2735652	42.394	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	3366601	46.784	ng	99
88) Benzo(b)fluoranthene	23.456	252	2731502	44.303	ng	99
89) Benzo(k)fluoranthene	23.515	252	2648108	44.321	ng	100
90) Benzo(a)pyrene	24.262	252	2568779	47.413	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	2737546	46.185	ng	100
92) Benzo(g,h,i)perylene	28.862	276	2678832	44.228	ng	99

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

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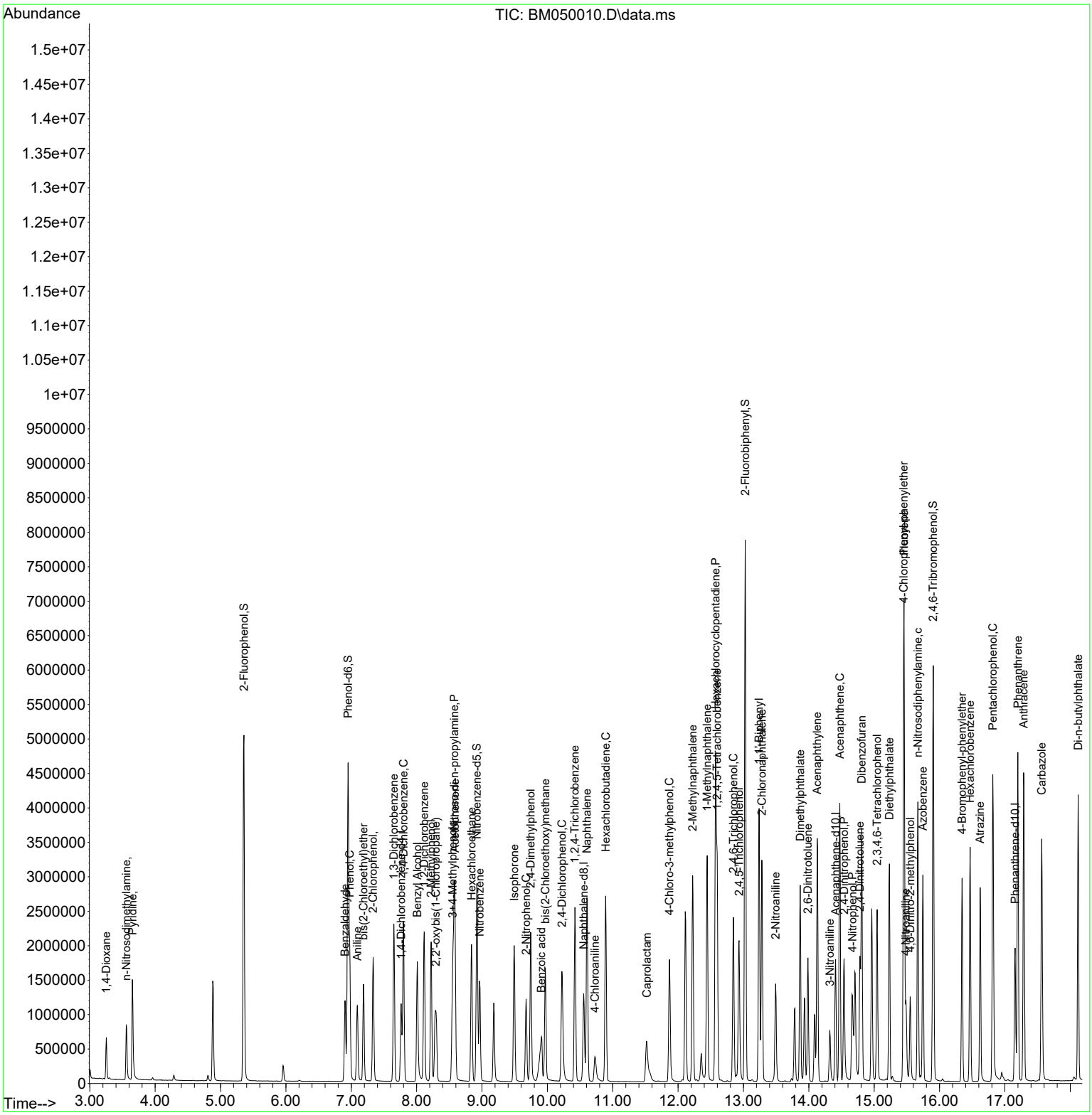

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