Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050238.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 09 12:47:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168340BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	320774	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1257053	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	743659	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1440533	20.000	ng		0.00
76) Chrysene-d12	21.374	240	1506864	20.000	ng		0.00
86) Perylene-d12	24.344	264	1650438	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2638389	137.206	ng		0.00
7) Phenol-d6	6.934	99	3384383	133.698	ng		0.00
23) Nitrobenzene-d5	8.916	82	2026373	83.837	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	1235095	146.017	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4443623	80.897	ng		0.00
79) Terphenyl-d14	19.768	244	6572801	82.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	293881	34.865	ng		96
3) Pyridine	3.669	79	858280	39.320	ng		99
4) n-Nitrosodimethylamine	3.581	42	202342	44.828	ng		98
6) Aniline	7.092	93	1011663	30.231	ng		98
8) 2-Chlorophenol	7.334	128	1019547	48.202	ng		99
9) Benzaldehyde	6.904	77	515804	32.049	ng		96
10) Phenol	6.963	94	1284171	47.946	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	982431	45.603	ng		97
12) 1,3-Dichlorobenzene	7.657	146	1055739	44.647	ng		98
13) 1,4-Dichlorobenzene	7.804	146	1085947	44.139	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1048729	44.715	ng		99
15) Benzyl Alcohol	8.004	79	843230	46.704	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	715230	47.792	ng		97
17) 2-Methylphenol	8.204	107	846340	47.891	ng		99
18) Hexachloroethane	8.851	117	403890	45.332	ng		100
19) n-Nitroso-di-n-propyla...	8.575	70	708387	45.730	ng		98
20) 3+4-Methylphenols	8.533	107	1131847	47.871	ng		98
22) Acetophenone	8.586	105	1454601	46.318	ng	#	99
24) Nitrobenzene	8.957	77	1057551	48.109	ng		97
25) Isophorone	9.486	82	1969912	47.220	ng		99
26) 2-Nitrophenol	9.669	139	472285	49.772	ng		99
27) 2,4-Dimethylphenol	9.733	122	963560	49.422	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	1298501	47.646	ng		99
29) 2,4-Dichlorophenol	10.204	162	903658	50.086	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	926996	46.171	ng		99
31) Naphthalene	10.604	128	2974404	45.765	ng		99
32) Benzoic acid	9.863	122	640105	52.242	ng		99
33) 4-Chloroaniline	10.704	127	568403	20.514	ng		99
34) Hexachlorobutadiene	10.904	225	541097	45.310	ng		100
35) Caprolactam	11.480	113	292927m	51.211	ng		
36) 4-Chloro-3-methylphenol	11.833	107	971490	50.462	ng		100
37) 2-Methylnaphthalene	12.221	142	1860745	47.458	ng		99
38) 1-Methylnaphthalene	12.439	142	1952531	46.919	ng		99
40) 1,2,4,5-Tetrachloroben...	12.592	216	1005342	46.817	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1304356	100.018	ng		98
43) 2,4,6-Trichlorophenol	12.827	196	711376	50.375	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	784491	50.597	ng	98
46) 1,1'-Biphenyl	13.233	154	2623701	47.117	ng	99
47) 2-Chloronaphthalene	13.274	162	2017409	46.601	ng	99
48) 2-Nitroaniline	13.468	65	527217	55.341	ng	98
49) Acenaphthylene	14.121	152	3401925	48.585	ng	100
50) Dimethylphthalate	13.863	163	2523932	50.184	ng	100
51) 2,6-Dinitrotoluene	13.968	165	543164	53.553	ng	97
52) Acenaphthene	14.462	154	2318364m	52.935	ng	
53) 3-Nitroaniline	14.292	138	316006	27.955	ng	99
54) 2,4-Dinitrophenol	14.498	184	635352	114.006	ng	96
55) Dibenzofuran	14.798	168	3097423	48.342	ng	99
56) 4-Nitrophenol	14.604	139	1121805	116.598	ng	100
57) 2,4-Dinitrotoluene	14.757	165	770010	57.552	ng	98
58) Fluorene	15.445	166	2402646	48.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	698096	52.041	ng	92
60) Diethylphthalate	15.233	149	2578921	51.680	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1160537	48.930	ng	99
62) 4-Nitroaniline	15.457	138	566413	53.462	ng	99
63) Azobenzene	15.739	77	2507403	50.272	ng	100
65) 4,6-Dinitro-2-methylph...	15.515	198	405706	51.564	ng	96
66) n-Nitrosodiphenylamine	15.656	169	2191325	48.414	ng	100
67) 4-Bromophenyl-phenylether	16.339	248	746039	48.565	ng	98
68) Hexachlorobenzene	16.451	284	875561	48.784	ng	96
69) Atrazine	16.609	200	773565	53.638	ng	99
70) Pentachlorophenol	16.786	266	1257952	107.804	ng	100
71) Phenanthrene	17.180	178	3971003	48.255	ng	100
72) Anthracene	17.268	178	4042950	49.109	ng	100
73) Carbazole	17.533	167	3834360	51.125	ng	100
74) Di-n-butylphthalate	18.115	149	4430714	54.294	ng	100
75) Fluoranthene	19.192	202	4523643	52.126	ng	99
77) Benzidine	19.374	184	1694498	39.989	ng	100
78) Pyrene	19.556	202	4807428	47.334	ng	100
80) Butylbenzylphthalate	20.468	149	1912953	56.466	ng	99
81) Benzo(a)anthracene	21.356	228	4718074	49.467	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	927690	31.895	ng	100
83) Chrysene	21.415	228	4478849	49.367	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2985953	57.220	ng	99
85) Di-n-octyl phthalate	22.438	149	4874152	62.946	ng	100
87) Indeno(1,2,3-cd)pyrene	27.709	276	5729953	53.920	ng	100
88) Benzo(b)fluoranthene	23.415	252	4765849	49.666	ng	100
89) Benzo(k)fluoranthene	23.480	252	4799784	48.998	ng	100
90) Benzo(a)pyrene	24.209	252	4602184	51.011	ng	99
91) Dibenzo(a,h)anthracene	27.773	278	4653553	53.949	ng	99
92) Benzo(g,h,i)perylene	28.756	276	4644096	53.792	ng	100

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

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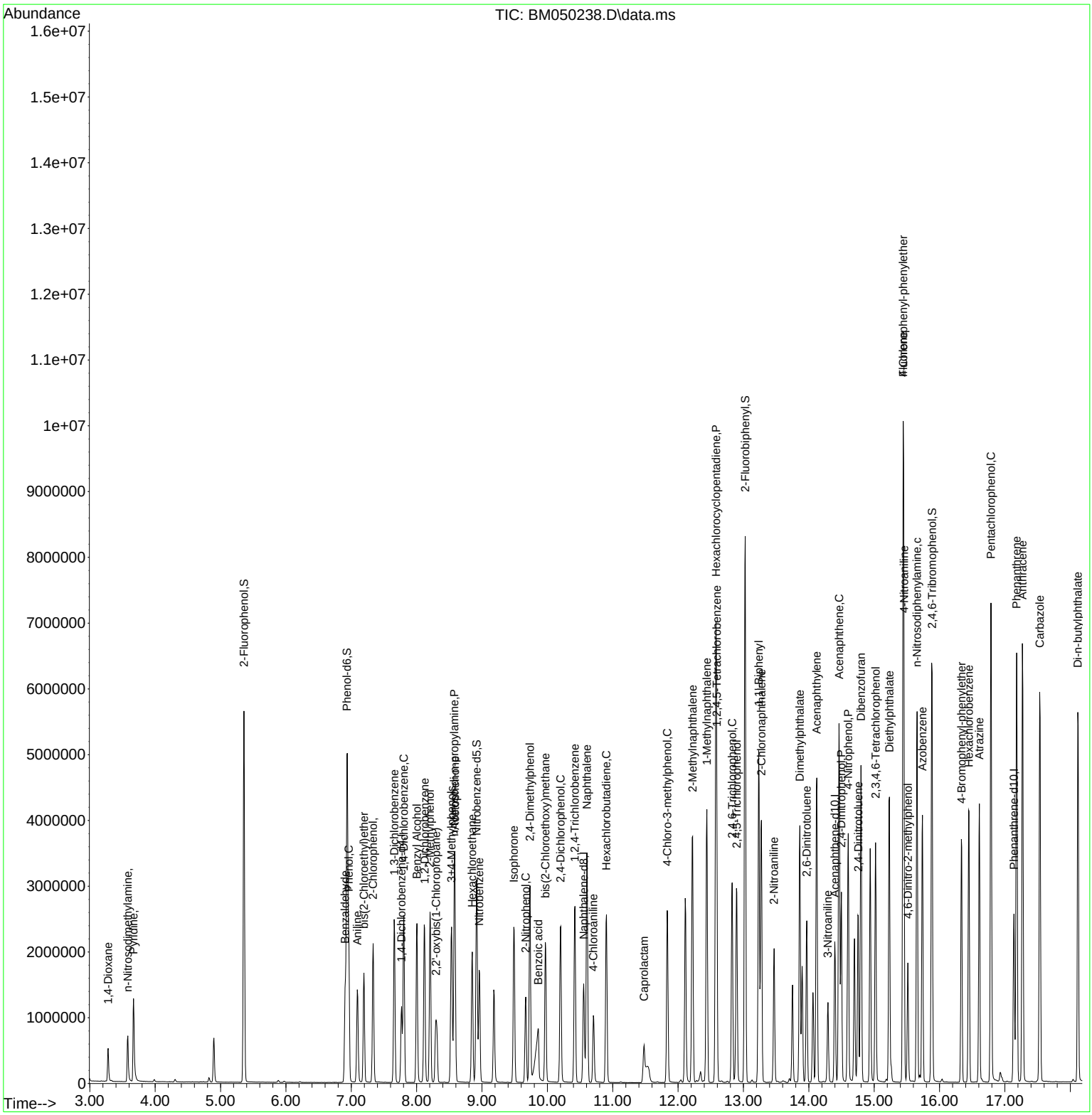

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