Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	355414	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1368622	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	874077	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1680679	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1747476	20.000	ng		0.00
86) Perylene-d12	24.497	264	1657543	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2235397	108.263	ng		0.00
7) Phenol-d6	7.022	99	2855911	109.721	ng		0.00
23) Nitrobenzene-d5	9.022	82	2937689	109.508	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	1246384	117.361	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	7659625	108.218	ng		0.00
79) Terphenyl-d14	19.839	244	11336982	114.147	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	445164	52.431	ng		99
3) Pyridine	3.734	79	1187050	53.254	ng		98
4) n-Nitrosodimethylamine	3.640	42	550809	53.005	ng		100
6) Aniline	7.187	93	1814285	54.314	ng		99
8) 2-Chlorophenol	7.428	128	1191374	54.720	ng		100
9) Benzaldehyde	6.998	77	743485m	48.013	ng		
10) Phenol	7.051	94	1479916	54.513	ng		100
11) bis(2-Chloroethyl)ether	7.287	93	1176258	54.102	ng		98
12) 1,3-Dichlorobenzene	7.757	146	1403509	53.015	ng		98
13) 1,4-Dichlorobenzene	7.904	146	1430908	52.933	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1369382	52.912	ng		99
15) Benzyl Alcohol	8.098	79	1000035	54.529	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.398	45	1694093	52.899	ng		99
17) 2-Methylphenol	8.298	107	967335	54.938	ng		98
18) Hexachloroethane	8.951	117	510428	53.689	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	892537	56.604	ng		98
20) 3+4-Methylphenols	8.628	107	1295330	54.800	ng		98
22) Acetophenone	8.687	105	1828595	53.438	ng	#	97
24) Nitrobenzene	9.063	77	1289779	53.879	ng		99
25) Isophorone	9.592	82	2401483	55.168	ng		100
26) 2-Nitrophenol	9.775	139	569906	58.414	ng		99
27) 2,4-Dimethylphenol	9.834	122	1124761	54.178	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	1555003	53.910	ng		99
29) 2,4-Dichlorophenol	10.304	162	1175856	55.130	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	1359109	53.267	ng		99
31) Naphthalene	10.716	128	3662846	52.691	ng		100
32) Benzoic acid	9.957	122	666467	51.765	ng		99
33) 4-Chloroaniline	10.810	127	1592528	54.189	ng		99
34) Hexachlorobutadiene	11.010	225	835314	53.639	ng		99
35) Caprolactam	11.586	113	328173	56.364	ng		98
36) 4-Chloro-3-methylphenol	11.933	107	1114543	55.959	ng		100
37) 2-Methylnaphthalene	12.322	142	2369763	53.990	ng		98
38) 1-Methylnaphthalene	12.539	142	2518911	54.226	ng		100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1528897	55.004	ng		99
41) Hexachlorocyclopentadiene	12.680	237	982675	55.306	ng		98
43) 2,4,6-Trichlorophenol	12.927	196	968128	56.583	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1058158	56.628	ng	99
46) 1,1'-Biphenyl	13.333	154	3466190	53.449	ng	99
47) 2-Chloronaphthalene	13.369	162	2768272	53.538	ng	100
48) 2-Nitroaniline	13.563	65	682263	59.115	ng	100
49) Acenaphthylene	14.216	152	4274915	54.707	ng	100
50) Dimethylphthalate	13.951	163	3290612	54.681	ng	100
51) 2,6-Dinitrotoluene	14.063	165	672335	58.189	ng	100
52) Acenaphthene	14.557	154	2689063	54.128	ng	99
53) 3-Nitroaniline	14.386	138	722162	58.770	ng	100
54) 2,4-Dinitrophenol	14.586	184	305096	50.427	ng	98
55) Dibenzofuran	14.892	168	4109027	53.680	ng	100
56) 4-Nitrophenol	14.686	139	602964	57.060	ng	96
57) 2,4-Dinitrotoluene	14.845	165	922804	53.047	ng	98
58) Fluorene	15.539	166	3457484	54.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	885196	56.275	ng	100
60) Diethylphthalate	15.316	149	3176896	55.265	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	1834247	55.637	ng	100
62) 4-Nitroaniline	15.545	138	765716	53.869	ng	98
63) Azobenzene	15.827	77	2917647	55.274	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	458700	50.395	ng	98
66) n-Nitrosodiphenylamine	15.745	169	2847134	54.137	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	1016241	54.881	ng	99
68) Hexachlorobenzene	16.539	284	1190183	54.420	ng	98
69) Atrazine	16.692	200	975743	56.502	ng	98
70) Pentachlorophenol	16.874	266	762216	55.986	ng	99
71) Phenanthrene	17.268	178	5068282	53.293	ng	100
72) Anthracene	17.362	178	5179830	54.717	ng	100
73) Carbazole	17.621	167	4657232	54.372	ng	100
74) Di-n-butylphthalate	18.198	149	5258750	56.091	ng	100
75) Fluoranthene	19.274	202	5737944	55.500	ng	99
77) Benzidine	19.456	184	2626171	58.920	ng	100
78) Pyrene	19.639	202	6064476	54.187	ng	100
80) Butylbenzylphthalate	20.539	149	2150816	58.284	ng	100
81) Benzo(a)anthracene	21.439	228	6238737	54.793	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	2176770	56.690	ng	100
83) Chrysene	21.503	228	5797980	53.988	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	3407481	58.166	ng	99
85) Di-n-octyl phthalate	22.527	149	5213026	56.816	ng	99
87) Indeno(1,2,3-cd)pyrene	27.944	276	6640722	56.349	ng	100
88) Benzo(b)fluoranthene	23.539	252	5667484	55.588	ng	100
89) Benzo(k)fluoranthene	23.603	252	5984419	56.568	ng	99
90) Benzo(a)pyrene	24.356	252	5445326	57.054	ng	99
91) Dibenzo(a,h)anthracene	28.009	278	5603613	56.460	ng	99
92) Benzo(g,h,i)perylene	29.015	276	5235761	55.817	ng	99

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

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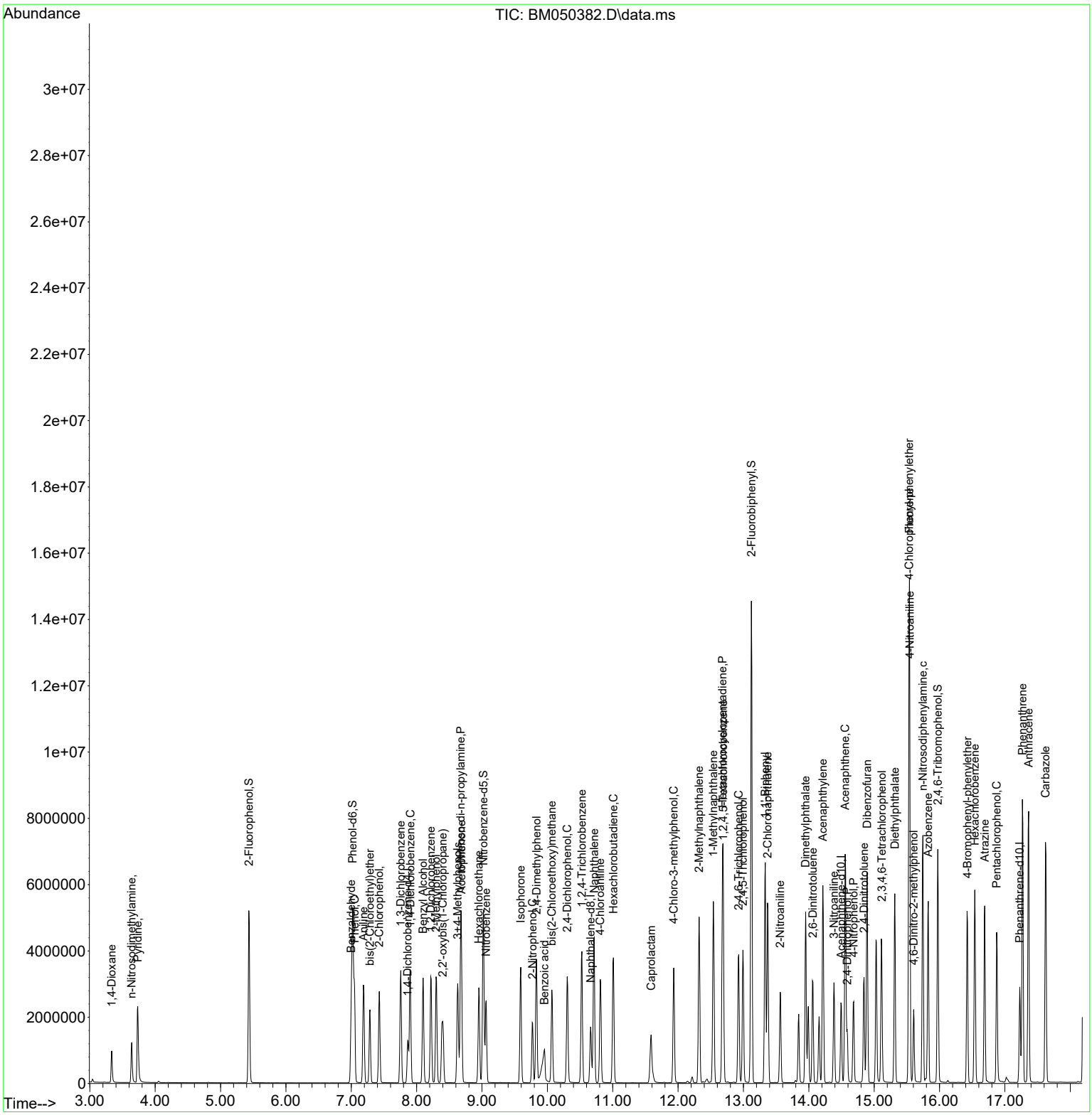

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