Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071725\
Data File : BM050474.D
Acq On : 17 Jul 2025 13:42
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 16:20:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	523700	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	1980057	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	1283321	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	2540655	20.000	ng		0.00
76) Chrysene-d12	21.433	240	2672211	20.000	ng		0.00
86) Perylene-d12	24.456	264	2895075	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	2440748	80.224	ng		0.00
7) Phenol-d6	7.010	99	3097334	80.758	ng		0.00
23) Nitrobenzene-d5	9.004	82	3112224	80.189	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1456045	93.381	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	8128934	78.224	ng		0.00
79) Terphenyl-d14	19.821	244	11967171	78.795	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	488601	39.055	ng		98
3) Pyridine	3.728	79	1300313	39.590	ng		96
4) n-Nitrosodimethylamine	3.634	42	561971	36.701	ng		91
6) Aniline	7.175	93	1983878	40.306	ng		98
8) 2-Chlorophenol	7.416	128	1317020	41.053	ng		98
9) Benzaldehyde	6.987	77	1171413	51.344	ng		97
10) Phenol	7.039	94	1589959	39.746	ng		98
11) bis(2-Chloroethyl)ether	7.269	93	1245931	38.892	ng		99
12) 1,3-Dichlorobenzene	7.739	146	1538457	39.439	ng		97
13) 1,4-Dichlorobenzene	7.886	146	1557390	39.099	ng		99
14) 1,2-Dichlorobenzene	8.198	146	1486144	38.971	ng		99
15) Benzyl Alcohol	8.086	79	1085979	40.187	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1758506	37.266	ng		99
17) 2-Methylphenol	8.286	107	1037160	39.975	ng		99
18) Hexachloroethane	8.933	117	547143	39.058	ng		93
19) n-Nitroso-di-n-propyla...	8.651	70	946520	40.738	ng		95
20) 3+4-Methylphenols	8.610	107	1404236	40.317	ng		96
22) Acetophenone	8.669	105	1899608	38.371	ng	#	96
24) Nitrobenzene	9.045	77	1359808	39.263	ng		97
25) Isophorone	9.575	82	2553883	40.552	ng		99
26) 2-Nitrophenol	9.751	139	687069	48.676	ng		98
27) 2,4-Dimethylphenol	9.816	122	1213714	40.409	ng		97
28) bis(2-Chloroethoxy)met...	10.051	93	1630857	39.081	ng		98
29) 2,4-Dichlorophenol	10.286	162	1295771	41.992	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	1491395	40.402	ng		99
31) Naphthalene	10.692	128	3903650	38.814	ng		100
32) Benzoic acid	9.933	122	837102	45.728	ng		98
33) 4-Chloroaniline	10.792	127	1719857	40.450	ng		99
34) Hexachlorobutadiene	10.986	225	916621	40.685	ng		99
35) Caprolactam	11.574	113	373128	44.295	ng		92
36) 4-Chloro-3-methylphenol	11.916	107	1197560	41.560	ng		99
37) 2-Methylnaphthalene	12.304	142	2558937	40.297	ng		97
38) 1-Methylnaphthalene	12.521	142	2704024	40.236	ng		100
40) 1,2,4,5-Tetrachloroben...	12.669	216	1663387	40.759	ng		99
41) Hexachlorocyclopentadiene	12.657	237	1118542	42.878	ng		99
43) 2,4,6-Trichlorophenol	12.910	196	1100183	43.796	ng		98

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44) 2,4,5-Trichlorophenol	12.974	196	1195616	43.580	ng		98
46) 1,1'-Biphenyl	13.310	154	3710435	38.969	ng		100
47) 2-Chloronaphthalene	13.351	162	2952862	38.897	ng		99
48) 2-Nitroaniline	13.545	65	749098	44.208	ng		96
49) Acenaphthylene	14.198	152	4570033	39.833	ng		99
50) Dimethylphthalate	13.933	163	3557955	40.270	ng		100
51) 2,6-Dinitrotoluene	14.045	165	752656	44.367	ng		93
52) Acenaphthene	14.539	154	2753717m	37.753	ng		
53) 3-Nitroaniline	14.368	138	800610	44.377	ng		100
54) 2,4-Dinitrophenol	14.574	184	423149	47.990	ng	#	81
55) Dibenzofuran	14.874	168	4385210	39.019	ng		99
56) 4-Nitrophenol	14.674	139	682725	44.005	ng		90
57) 2,4-Dinitrotoluene	14.827	165	1044862	41.533	ng		93
58) Fluorene	15.521	166	3648772	39.416	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	1025002	44.383	ng		95
60) Diethylphthalate	15.292	149	3392307	40.194	ng		100
61) 4-Chlorophenyl-phenyle...	15.515	204	1915512	39.573	ng		98
62) 4-Nitroaniline	15.527	138	822296	40.096	ng		98
63) Azobenzene	15.804	77	2969500	38.317	ng		98
65) 4,6-Dinitro-2-methylph...	15.586	198	615347	45.431	ng		92
66) n-Nitrosodiphenylamine	15.721	169	3099051	38.981	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	1149552	41.067	ng		98
68) Hexachlorobenzene	16.521	284	1343279	40.631	ng		95
69) Atrazine	16.674	200	1110720	42.547	ng		98
70) Pentachlorophenol	16.856	266	914812	44.450	ng		99
71) Phenanthrene	17.251	178	5539099	38.529	ng		99
72) Anthracene	17.339	178	5640684	39.417	ng		100
73) Carbazole	17.603	167	5129252	39.613	ng		99
74) Di-n-butylphthalate	18.174	149	5854924	41.312	ng		100
75) Fluoranthene	19.256	202	6437692	41.191	ng		99
77) Benzidine	19.439	184	3790549	55.614	ng		99
78) Pyrene	19.615	202	6803242	39.752	ng		100
80) Butylbenzylphthalate	20.515	149	2668401	47.286	ng		97
81) Benzo(a)anthracene	21.415	228	7013399	40.281	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	2698245	45.953	ng		100
83) Chrysene	21.480	228	6546903	39.865	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	4036567	45.060	ng		97
85) Di-n-octyl phthalate	22.486	149	6851874	48.835	ng		97
87) Indeno(1,2,3-cd)pyrene	27.879	276	8469643	41.147	ng		99
88) Benzo(b)fluoranthene	23.503	252	6956656	39.066	ng		100
89) Benzo(k)fluoranthene	23.568	252	6961471	37.675	ng		100
90) Benzo(a)pyrene	24.315	252	6693276	40.152	ng		99
91) Dibenzo(a,h)anthracene	27.944	278	7041108	40.618	ng		99
92) Benzo(g,h,i)perylene	28.944	276	6723327	41.037	ng		99

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

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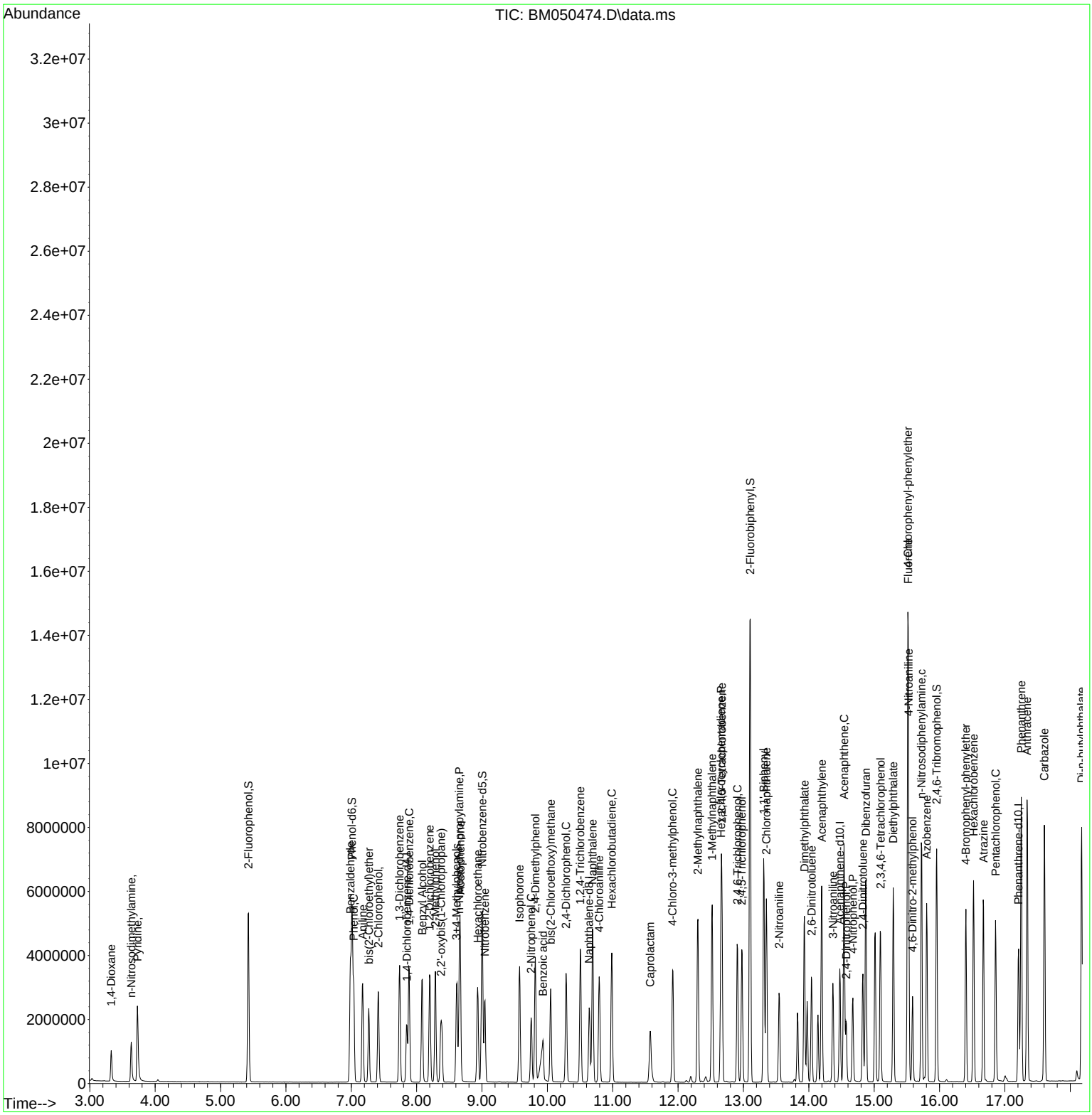

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