Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050242.D
Acq On : 09 Jun 2025 14:47
Operator : RC/JU
Sample : Q2125-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

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

Quant Time: Jun 09 16:20:18 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	281877	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1107266	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	644595	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1197069	20.000	ng		0.00
76) Chrysene-d12	21.368	240	1175824	20.000	ng		0.00
86) Perylene-d12	24.344	264	1237452	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1211116	71.674	ng		0.00
7) Phenol-d6	6.928	99	1030995	46.349	ng		0.00
23) Nitrobenzene-d5	8.916	82	1959264	92.026	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	1167405	159.225	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4087466	85.850	ng		0.00
79) Terphenyl-d14	19.768	244	5823501	93.855	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	136315	18.404	ng		99
3) Pyridine	3.669	79	334703	17.449	ng		99
4) n-Nitrosodimethylamine	3.575	42	83869	21.145	ng	#	91
6) Aniline	7.092	93	693378	23.579	ng		99
8) 2-Chlorophenol	7.334	128	785509	42.262	ng		99
9) Benzaldehyde	6.904	77	505297	35.729	ng		97
10) Phenol	6.957	94	381059	16.191	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	908767	48.005	ng		98
12) 1,3-Dichlorobenzene	7.657	146	893261	42.989	ng		99
13) 1,4-Dichlorobenzene	7.804	146	923145	42.700	ng		99
14) 1,2-Dichlorobenzene	8.116	146	911084	44.206	ng		99
15) Benzyl Alcohol	7.998	79	535429	33.748	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	635679	48.338	ng		99
17) 2-Methylphenol	8.204	107	559356	36.019	ng		99
18) Hexachloroethane	8.845	117	435909	55.677	ng		99
19) n-Nitroso-di-n-propyla...	8.575	70	671445	49.326	ng		99
20) 3+4-Methylphenols	8.533	107	675295	32.503	ng		99
22) Acetophenone	8.581	105	1531014	55.346	ng		97
24) Nitrobenzene	8.957	77	977949	50.506	ng		99
25) Isophorone	9.486	82	1898052	51.652	ng		99
26) 2-Nitrophenol	9.669	139	451831	54.058	ng		99
27) 2,4-Dimethylphenol	9.733	122	817519	47.603	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	1220579	50.845	ng		100
29) 2,4-Dichlorophenol	10.204	162	807193	50.791	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	865818	48.958	ng		99
31) Naphthalene	10.604	128	3384046	59.112	ng		99
32) Benzoic acid	9.810	122	176121	16.318	ng		95
33) 4-Chloroaniline	10.704	127	667566	27.351	ng		99
34) Hexachlorobutadiene	10.904	225	513215	48.788	ng		99
35) Caprolactam	11.486	113	50996	10.121	ng		92
36) 4-Chloro-3-methylphenol	11.833	107	802313	47.312	ng		98
37) 2-Methylnaphthalene	12.221	142	5947123	172.199	ng		99
38) 1-Methylnaphthalene	12.439	142	4887345	133.330	ng		100
40) 1,2,4,5-Tetrachloroben...	12.592	216	953327	51.218	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1057601	93.561	ng		98
43) 2,4,6-Trichlorophenol	12.827	196	659289	53.862	ng		99

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44)	2,4,5-Trichlorophenol	12.892	196	710689	52.881	ng		99
46)	1,1'-Biphenyl	13.233	154	2517319	52.155	ng		99
47)	2-Chloronaphthalene	13.274	162	1902019	50.688	ng		99
48)	2-Nitroaniline	13.468	65	493666	59.783	ng		98
49)	Acenaphthylene	14.121	152	3125267	51.493	ng		98
50)	Dimethylphthalate	13.863	163	2309291	52.973	ng		99
51)	2,6-Dinitrotoluene	13.968	165	475465	54.083	ng		94
52)	Acenaphthene	14.463	154	2356807m	62.083	ng		
53)	3-Nitroaniline	14.292	138	272471	27.809	ng		98
54)	2,4-Dinitrophenol	14.498	184	581083	123.046	ng		96
55)	Dibenzofuran	14.798	168	3107541	55.953	ng		98
56)	4-Nitrophenol	14.604	139	383346	45.968	ng		92
57)	2,4-Dinitrotoluene	14.757	165	692300	59.696	ng	#	95
58)	Fluorene	15.445	166	2556767	60.106	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.021	232	622482	53.535	ng		91
60)	Diethylphthalate	15.227	149	2438141	56.368	ng		99
61)	4-Chlorophenyl-phenyle...	15.445	204	1080680	52.566	ng		98
62)	4-Nitroaniline	15.457	138	475975	51.830	ng		97
63)	Azobenzene	15.739	77	2230978	51.604	ng		96
65)	4,6-Dinitro-2-methylph...	15.515	198	376940	57.652	ng		99
66)	n-Nitrosodiphenylamine	15.657	169	2023507	53.798	ng		99
67)	4-Bromophenyl-phenylether	16.333	248	697999	54.679	ng		99
68)	Hexachlorobenzene	16.451	284	789740	52.951	ng		96
69)	Atrazine	16.609	200	702108	58.585	ng		98
70)	Pentachlorophenol	16.786	266	1106939	114.156	ng		100
71)	Phenanthrene	17.180	178	4099259	59.944	ng		99
72)	Anthracene	17.268	178	3582894	52.373	ng		100
73)	Carbazole	17.533	167	3368785	54.052	ng		100
74)	Di-n-butylphthalate	18.115	149	4343044	64.044	ng		100
75)	Fluoranthene	19.192	202	3982272	55.220	ng		99
77)	Benzidine	19.374	184	665705	20.133	ng		99
78)	Pyrene	19.556	202	4214773	53.183	ng		100
80)	Butylbenzylphthalate	20.468	149	1809144	68.437	ng		99
81)	Benzo(a)anthracene	21.350	228	3971807	53.367	ng		100
82)	3,3'-Dichlorobenzidine	21.274	252	1179338	51.963	ng		99
83)	Chrysene	21.415	228	3707097	52.364	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.303	149	2791744	68.560	ng		100
85)	Di-n-octyl phthalate	22.433	149	4554629	75.379	ng		100
87)	Indeno(1,2,3-cd)pyrene	27.709	276	4614589	57.916	ng		100
88)	Benzo(b)fluoranthene	23.409	252	3972361	55.213	ng		99
89)	Benzo(k)fluoranthene	23.474	252	3838081	52.257	ng		99
90)	Benzo(a)pyrene	24.209	252	3724602	55.061	ng		99
91)	Dibenzo(a,h)anthracene	27.768	278	3769168	58.279	ng		99
92)	Benzo(g,h,i)perylene	28.744	276	3759055	58.072	ng		99

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

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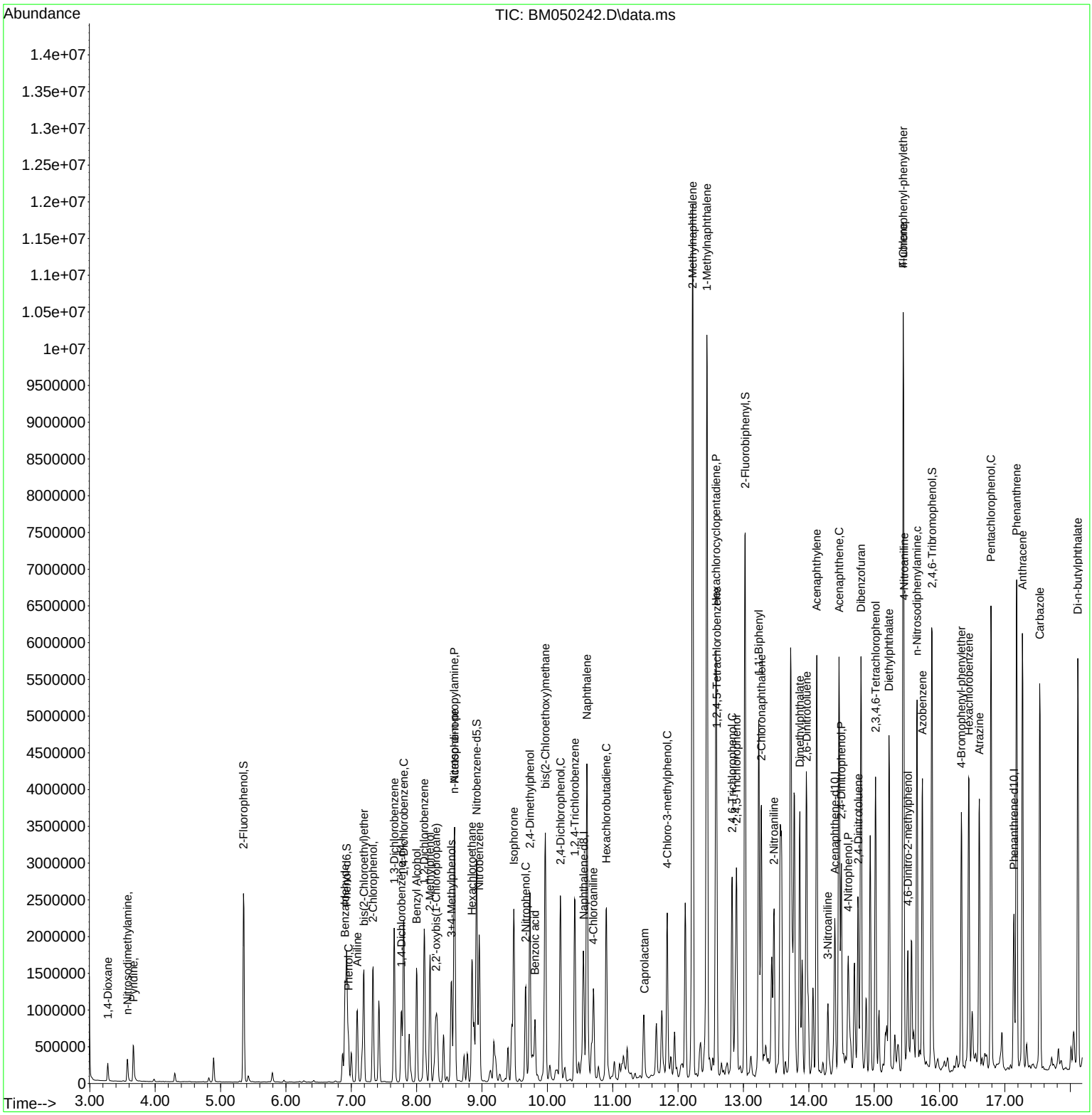

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