Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
Data File : BM050303.D
Acq On : 13 Jun 2025 17:10
Operator : RC/JU
Sample : Q2287-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CONCRETE-SLABMS

Quant Time: Jun 13 18:05:33 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	7.763	152	429386	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	1666085	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	945863	20.000	ng		0.00
64) Phenanthrene-d10	17.133	188	1739025	20.000	ng		0.00
76) Chrysene-d12	21.362	240	1815987	20.000	ng		-0.01
86) Perylene-d12	24.333	264	1991778	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	3424604	133.044	ng		0.00
7) Phenol-d6	6.934	99	4021072	118.669	ng		0.00
23) Nitrobenzene-d5	8.916	82	2805354	87.571	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	1533486	142.537	ng		0.00
45) 2-Fluorobiphenyl	13.022	172	5762613	82.483	ng		0.00
79) Terphenyl-d14	19.756	244	8002541	83.508	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	450910	39.964	ng		93
3) Pyridine	3.681	79	921923	31.552	ng		96
4) n-Nitrosodimethylamine	3.581	42	281665	46.617	ng	#	97
6) Aniline	7.093	93	876997	19.578	ng		97
8) 2-Chlorophenol	7.328	128	1327007	46.869	ng		97
9) Benzaldehyde	6.904	77	566403	26.291	ng		99
10) Phenol	6.957	94	1510734	42.138	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	1364724	47.325	ng		97
12) 1,3-Dichlorobenzene	7.651	146	1357978	42.903	ng		99
13) 1,4-Dichlorobenzene	7.798	146	1393808	42.322	ng		99
14) 1,2-Dichlorobenzene	8.116	146	1349381	42.981	ng		100
15) Benzyl Alcohol	7.998	79	1120750	46.374	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1022773	51.056	ng		94
17) 2-Methylphenol	8.204	107	1063527	44.958	ng		99
18) Hexachloroethane	8.845	117	527895	44.263	ng		98
19) n-Nitroso-di-n-propyla...	8.569	70	956750	46.140	ng		99
20) 3+4-Methylphenols	8.528	107	1408635	44.508	ng		100
22) Acetophenone	8.581	105	1938144	46.563	ng	#	99
24) Nitrobenzene	8.957	77	1466841	50.346	ng		98
25) Isophorone	9.487	82	2644264	47.824	ng		100
26) 2-Nitrophenol	9.663	139	636922	50.644	ng		98
27) 2,4-Dimethylphenol	9.728	122	1159360	44.866	ng		100
28) bis(2-Chloroethoxy)met...	9.963	93	1771581	49.045	ng		99
29) 2,4-Dichlorophenol	10.198	162	1162599	48.618	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	1227926	46.145	ng		99
31) Naphthalene	10.598	128	3921427	45.524	ng		100
32) Benzoic acid	9.892	122	1426381	87.833	ng		99
33) 4-Chloroaniline	10.710	127	301740	8.216	ng		99
34) Hexachlorobutadiene	10.892	225	719012	45.426	ng		99
35) Caprolactam	11.486	113	304301	40.139	ng		88
36) 4-Chloro-3-methylphenol	11.833	107	1214700	47.605	ng		100
37) 2-Methylnaphthalene	12.210	142	2448763	47.122	ng		98
38) 1-Methylnaphthalene	12.433	142	2553477	46.296	ng		99
40) 1,2,4,5-Tetrachloroben...	12.580	216	1318456	48.273	ng		99
41) Hexachlorocyclopentadiene	12.569	237	1650866	99.527	ng		98
43) 2,4,6-Trichlorophenol	12.822	196	894165	49.783	ng		100

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44) 2,4,5-Trichlorophenol	12.892	196	978722	49.630	ng		99
46) 1,1'-Biphenyl	13.227	154	3406897	48.103	ng		99
47) 2-Chloronaphthalene	13.269	162	2617093	47.530	ng		99
48) 2-Nitroaniline	13.463	65	517730	42.727	ng		94
49) Acenaphthylene	14.116	152	4253766	47.763	ng		100
50) Dimethylphthalate	13.857	163	3180974	49.727	ng		100
51) 2,6-Dinitrotoluene	13.963	165	657249	50.948	ng	#	85
52) Acenaphthene	14.457	154	2530017	45.418	ng		99
53) 3-Nitroaniline	14.292	138	557230	38.757	ng		100
54) 2,4-Dinitrophenol	14.492	184	783300	109.265	ng		96
55) Dibenzofuran	14.792	168	3904531	47.911	ng		100
56) 4-Nitrophenol	14.598	139	1202008	98.226	ng		99
57) 2,4-Dinitrotoluene	14.751	165	928110	54.539	ng		97
58) Fluorene	15.439	166	3079575	49.337	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	848288m	49.718	ng		
60) Diethylphthalate	15.221	149	3134746	49.390	ng		99
61) 4-Chlorophenyl-phenyle...	15.439	204	1478750	49.018	ng		97
62) 4-Nitroaniline	15.451	138	477559	35.439	ng		98
63) Azobenzene	15.727	77	3198308	50.415	ng		97
65) 4,6-Dinitro-2-methylph...	15.510	198	493388	51.945	ng		98
66) n-Nitrosodiphenylamine	15.651	169	2683865	49.118	ng		99
67) 4-Bromophenyl-phenylether	16.327	248	944229	50.916	ng		97
68) Hexachlorobenzene	16.439	284	1079863	49.839	ng		99
69) Atrazine	16.604	200	828307	47.576	ng		98
70) Pentachlorophenol	16.780	266	1507838	107.039	ng		99
71) Phenanthrene	17.174	178	4815943	48.477	ng		99
72) Anthracene	17.262	178	4854309	48.844	ng		100
73) Carbazole	17.527	167	4573157	50.509	ng		99
74) Di-n-butylphthalate	18.110	149	5383239	54.644	ng		100
75) Fluoranthene	19.186	202	5443837	51.962	ng		98
77) Benzidine	19.374	184	150527	2.948	ng		97
78) Pyrene	19.551	202	5726775	46.788	ng		99
80) Butylbenzylphthalate	20.456	149	2319762	56.818	ng		98
81) Benzo(a)anthracene	21.345	228	5625973	48.945	ng		100
82) 3,3'-Dichlorobenzidine	21.268	252	1035228	29.534	ng		100
83) Chrysene	21.403	228	5365581	49.074	ng		100
84) Bis(2-ethylhexyl)phtha...	21.286	149	3496993	55.606	ng		99
85) Di-n-octyl phthalate	22.415	149	5682502	60.893	ng		100
87) Indeno(1,2,3-cd)pyrene	27.679	276	7089292	55.279	ng		100
88) Benzo(b)fluoranthene	23.397	252	5823743	50.290	ng		99
89) Benzo(k)fluoranthene	23.456	252	5958015	50.399	ng		100
90) Benzo(a)pyrene	24.191	252	5582743	51.275	ng		100
91) Dibenzo(a,h)anthracene	27.738	278	5826052	55.967	ng		99
92) Benzo(g,h,i)perylene	28.721	276	5815128	55.813	ng		99

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

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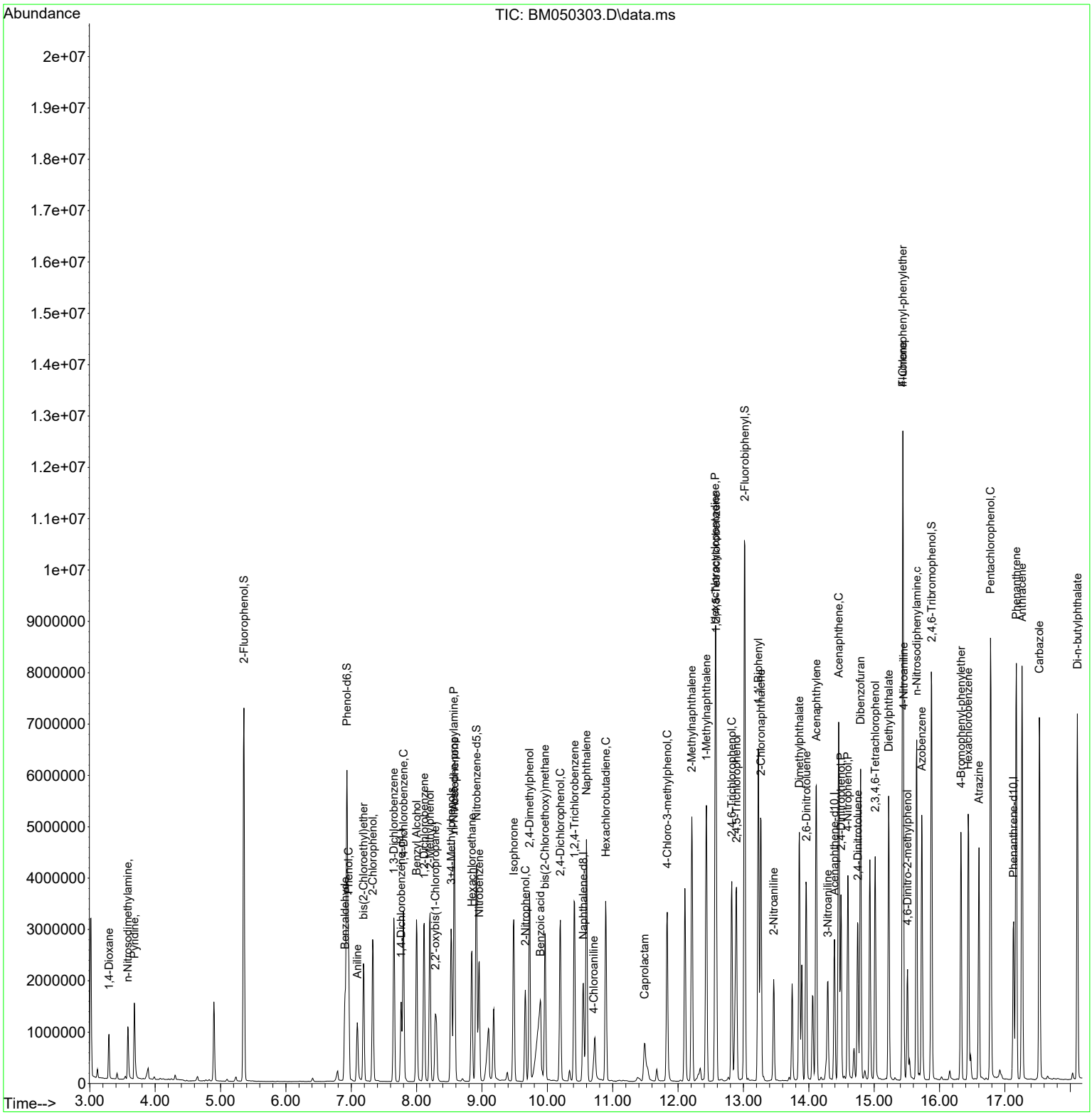

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