Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
Data File : BM050304.D
Acq On : 13 Jun 2025 17:50
Operator : RC/JU
Sample : Q2287-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CONCRETE-SLABMSD

Quant Time: Jun 13 18:26:53 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	421105	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	1599281	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	894516	20.000	ng		0.00
64) Phenanthrene-d10	17.133	188	1607218	20.000	ng		0.00
76) Chrysene-d12	21.362	240	1602418	20.000	ng		-0.01
86) Perylene-d12	24.327	264	1717876	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	3527781	139.748	ng		0.00
7) Phenol-d6	6.934	99	4130637	124.300	ng		0.00
23) Nitrobenzene-d5	8.916	82	2878632	93.612	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	1576375	154.934	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	5964905	90.279	ng		-0.01
79) Terphenyl-d14	19.756	244	7766119	91.842	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	458005	41.391	ng		98
3) Pyridine	3.681	79	938036	32.735	ng		99
4) n-Nitrosodimethylamine	3.581	42	288198	48.636	ng		95
6) Aniline	7.093	93	917145	20.877	ng		99
8) 2-Chlorophenol	7.328	128	1387665	49.975	ng		100
9) Benzaldehyde	6.904	77	538996	25.511	ng		98
10) Phenol	6.957	94	1546022	43.970	ng		100
11) bis(2-Chloroethyl)ether	7.187	93	1405163	49.685	ng		99
12) 1,3-Dichlorobenzene	7.651	146	1436186	46.266	ng		98
13) 1,4-Dichlorobenzene	7.798	146	1480504	45.839	ng		99
14) 1,2-Dichlorobenzene	8.116	146	1426326	46.325	ng		99
15) Benzyl Alcohol	7.998	79	1139776	48.088	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	985173	50.146	ng		97
17) 2-Methylphenol	8.204	107	1110346	47.860	ng		99
18) Hexachloroethane	8.845	117	548163	46.866	ng		97
19) n-Nitroso-di-n-propyla...	8.569	70	979558	48.169	ng		98
20) 3+4-Methylphenols	8.528	107	1463652	47.156	ng		99
22) Acetophenone	8.581	105	2008374	50.266	ng	#	99
24) Nitrobenzene	8.957	77	1500724	53.661	ng		100
25) Isophorone	9.487	82	2697695	50.828	ng		100
26) 2-Nitrophenol	9.663	139	670854	55.570	ng		99
27) 2,4-Dimethylphenol	9.728	122	1205315	48.592	ng		100
28) bis(2-Chloroethoxy)met...	9.969	93	1808996	52.173	ng		98
29) 2,4-Dichlorophenol	10.198	162	1219569	53.131	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	1301266	50.944	ng		98
31) Naphthalene	10.598	128	4094653	49.520	ng		100
32) Benzoic acid	9.892	122	1452555	93.181	ng		95
33) 4-Chloroaniline	10.710	127	320206	9.083	ng		97
34) Hexachlorobutadiene	10.892	225	778978	51.271	ng		99
35) Caprolactam	11.492	113	307389	42.240	ng		94
36) 4-Chloro-3-methylphenol	11.833	107	1229441	50.195	ng		98
37) 2-Methylnaphthalene	12.210	142	2516027	50.439	ng		99
38) 1-Methylnaphthalene	12.433	142	2637680	49.820	ng		100
40) 1,2,4,5-Tetrachloroben...	12.586	216	1405204	54.402	ng		99
41) Hexachlorocyclopentadiene	12.569	237	1816904	115.825	ng		98
43) 2,4,6-Trichlorophenol	12.822	196	927274	54.590	ng		99

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44) 2,4,5-Trichlorophenol	12.892	196	1010391	54.177	ng		98
46) 1,1'-Biphenyl	13.227	154	3537797	52.818	ng		99
47) 2-Chloronaphthalene	13.269	162	2715534	52.149	ng		99
48) 2-Nitroaniline	13.463	65	514223	44.874	ng		98
49) Acenaphthylene	14.116	152	4355786	51.716	ng		100
50) Dimethylphthalate	13.857	163	3247330	53.678	ng		100
51) 2,6-Dinitrotoluene	13.963	165	680364	55.767	ng	#	89
52) Acenaphthene	14.457	154	2582576	49.023	ng		99
53) 3-Nitroaniline	14.292	138	591154	43.477	ng		96
54) 2,4-Dinitrophenol	14.492	184	828850	128.191	ng		94
55) Dibenzofuran	14.792	168	4007473	51.997	ng		99
56) 4-Nitrophenol	14.598	139	1194918	103.252	ng		100
57) 2,4-Dinitrotoluene	14.751	165	920495	57.197	ng		98
58) Fluorene	15.439	166	3089653	52.340	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	859389	53.260	ng		93
60) Diethylphthalate	15.221	149	3135204	52.232	ng		99
61) 4-Chlorophenyl-phenyle...	15.439	204	1524805	53.446	ng		96
62) 4-Nitroaniline	15.451	138	483496	37.939	ng		96
63) Azobenzene	15.727	77	3146086	52.439	ng		98
65) 4,6-Dinitro-2-methylph...	15.510	198	502676	57.263	ng		97
66) n-Nitrosodiphenylamine	15.651	169	2682093	53.111	ng		99
67) 4-Bromophenyl-phenylether	16.327	248	958246	55.910	ng		99
68) Hexachlorobenzene	16.445	284	1102368	55.051	ng		93
69) Atrazine	16.604	200	777493	48.319	ng		98
70) Pentachlorophenol	16.780	266	1489626	114.419	ng		99
71) Phenanthrene	17.174	178	4803134	52.313	ng		99
72) Anthracene	17.262	178	4838651	52.679	ng		100
73) Carbazole	17.527	167	4456426	53.257	ng		99
74) Di-n-butylphthalate	18.110	149	5255131	57.718	ng		99
75) Fluoranthene	19.186	202	5264976	54.376	ng		99
77) Benzidine	19.368	184	417641	9.268	ng		100
78) Pyrene	19.551	202	5510394	51.020	ng		99
80) Butylbenzylphthalate	20.456	149	2207167	61.266	ng		97
81) Benzo(a)anthracene	21.345	228	5346743	52.716	ng		100
82) 3,3'-Dichlorobenzidine	21.268	252	888041	28.711	ng		100
83) Chrysene	21.403	228	5096216	52.822	ng		100
84) Bis(2-ethylhexyl)phtha...	21.286	149	3306585	59.586	ng		99
85) Di-n-octyl phthalate	22.415	149	5377829	65.309	ng		99
87) Indeno(1,2,3-cd)pyrene	27.679	276	6768472	61.192	ng		100
88) Benzo(b)fluoranthene	23.397	252	5457885	54.645	ng		100
89) Benzo(k)fluoranthene	23.462	252	5495945	53.902	ng		99
90) Benzo(a)pyrene	24.191	252	5223557	55.625	ng		100
91) Dibenzo(a,h)anthracene	27.744	278	5587562	62.234	ng		98
92) Benzo(g,h,i)perylene	28.721	276	5555103	61.819	ng		100

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

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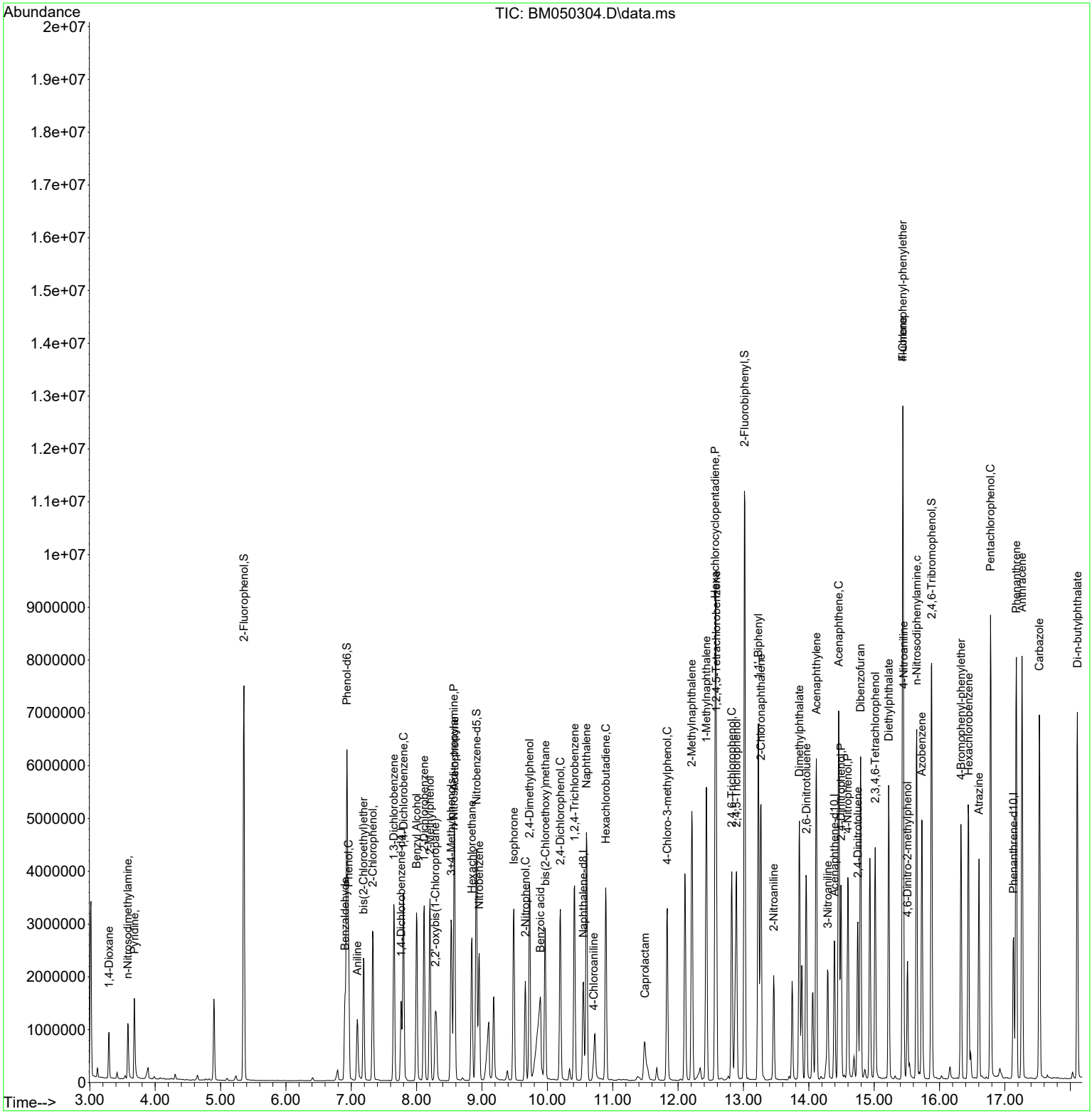

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