Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050102.D
Acq On : 05 May 2025 17:00
Operator : RC/JU
Sample : Q1937-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Quant Time: May 05 17:35:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	294539	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	1047794	20.000	ng		-0.02
39) Acenaphthene-d10	14.392	164	677703	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	1314656	20.000	ng		-0.02
76) Chrysene-d12	21.386	240	1271557	20.000	ng		-0.01
86) Perylene-d12	24.380	264	1236921	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	1258150	74.799	ng		-0.01
7) Phenol-d6	6.934	99	1611640	76.232	ng		-0.02
23) Nitrobenzene-d5	8.904	82	935080	43.976	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	752609	75.105	ng		-0.01
45) 2-Fluorobiphenyl	13.010	172	2446445	42.705	ng		-0.02
79) Terphenyl-d14	19.768	244	4042956	47.049	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	258001	35.773	ng		100
3) Pyridine	3.634	79	711239	38.382	ng		97
4) n-Nitrosodimethylamine	3.546	42	296997	40.865	ng		98
6) Aniline	7.075	93	697712	26.136	ng		99
8) 2-Chlorophenol	7.316	128	805620	44.297	ng		98
9) Benzaldehyde	6.892	77	341030	24.105	ng		98
10) Phenol	6.963	94	965281	45.102	ng		97
11) bis(2-Chloroethyl)ether	7.169	93	735486	41.155	ng		99
12) 1,3-Dichlorobenzene	7.634	146	912580	41.540	ng		99
13) 1,4-Dichlorobenzene	7.781	146	915309	41.472	ng		100
14) 1,2-Dichlorobenzene	8.098	146	879324	41.246	ng		99
15) Benzyl Alcohol	7.992	79	638864	43.575	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	881946	40.599	ng		99
17) 2-Methylphenol	8.204	107	625568	44.369	ng		98
18) Hexachloroethane	8.822	117	317394	40.455	ng		99
19) n-Nitroso-di-n-propyla...	8.557	70	546426	40.300	ng		99
20) 3+4-Methylphenols	8.534	107	845283	44.395	ng		95
22) Acetophenone	8.569	105	1094380	42.011	ng	#	98
24) Nitrobenzene	8.945	77	782189	42.543	ng		99
25) Isophorone	9.475	82	1496619	41.291	ng		99
26) 2-Nitrophenol	9.657	139	431575	45.947	ng		99
27) 2,4-Dimethylphenol	9.728	122	704725	45.242	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	945958	42.225	ng		100
29) 2,4-Dichlorophenol	10.210	162	803843	46.064	ng		99
30) 1,2,4-Trichlorobenzene	10.404	180	909008	42.755	ng		100
31) Naphthalene	10.586	128	2245700	42.321	ng		100
32) Benzoic acid	9.916	122	485833	48.767	ng		97
33) 4-Chloroaniline	10.710	127	411943	18.940	ng		99
34) Hexachlorobutadiene	10.869	225	576823	42.741	ng		100
35) Caprolactam	11.510	113	220808	43.397	ng		98
36) 4-Chloro-3-methylphenol	11.851	107	707311	43.872	ng		99
37) 2-Methylnaphthalene	12.204	142	1492444	41.951	ng		100
38) 1-Methylnaphthalene	12.427	142	1561032	41.462	ng		99
40) 1,2,4,5-Tetrachloroben...	12.580	216	1041214	44.382	ng		99
41) Hexachlorocyclopentadiene	12.557	237	1211458	84.498	ng		99
43) 2,4,6-Trichlorophenol	12.833	196	688174	46.248	ng		98

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44) 2,4,5-Trichlorophenol	12.916	196	735097	45.812	ng	97
46) 1,1'-Biphenyl	13.221	154	2171525	43.105	ng	99
47) 2-Chloronaphthalene	13.268	162	1733055	43.436	ng	99
48) 2-Nitroaniline	13.480	65	426754	45.573	ng	100
49) Acenaphthylene	14.115	152	2706657	43.026	ng	100
50) Dimethylphthalate	13.851	163	2096886	42.338	ng	99
51) 2,6-Dinitrotoluene	13.974	165	453604	44.235	ng	98
52) Acenaphthene	14.457	154	1550487	42.580	ng	99
53) 3-Nitroaniline	14.310	138	253994	25.944	ng	99
54) 2,4-Dinitrophenol	14.527	184	548918	83.383	ng	99
55) Dibenzofuran	14.792	168	2564349	42.327	ng	99
56) 4-Nitrophenol	14.651	139	716138	89.353	ng	98
57) 2,4-Dinitrotoluene	14.774	165	638601	45.069	ng	96
58) Fluorene	15.445	166	2115905	42.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	625034	45.001	ng	97
60) Diethylphthalate	15.215	149	1939860	41.567	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1169405	42.934	ng	98
62) 4-Nitroaniline	15.480	138	418189	44.274	ng	99
63) Azobenzene	15.733	77	1786138	45.668	ng	96
65) 4,6-Dinitro-2-methylph...	15.545	198	358709	43.589	ng	96
66) n-Nitrosodiphenylamine	15.657	169	1772627	43.910	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	700350	44.053	ng	96
68) Hexachlorobenzene	16.457	284	812209	44.321	ng	95
69) Atrazine	16.609	200	643224	44.172	ng	100
70) Pentachlorophenol	16.804	266	1057643	102.532	ng	99
71) Phenanthrene	17.186	178	3210759	43.302	ng	100
72) Anthracene	17.274	178	3263741	43.495	ng	100
73) Carbazole	17.551	167	2903966	44.599	ng	100
74) Di-n-butylphthalate	18.109	149	3348299	43.180	ng	99
75) Fluoranthene	19.203	202	3918338	45.010	ng	99
77) Benzidine	19.392	184	2093846	46.358	ng	100
78) Pyrene	19.568	202	3997921	44.773	ng	100
80) Butylbenzylphthalate	20.462	149	1481929	44.311	ng	98
81) Benzo(a)anthracene	21.368	228	3830639	43.747	ng	99
82) 3,3'-Dichlorobenzidine	21.291	252	856060	25.539	ng	100
83) Chrysene	21.427	228	3498440	43.169	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	2129576	42.631	ng	100
85) Di-n-octyl phthalate	22.409	149	3500630	42.493	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	4193498	45.499	ng	99
88) Benzo(b)fluoranthene	23.433	252	3534464	43.939	ng	100
89) Benzo(k)fluoranthene	23.497	252	3550274	43.632	ng	99
90) Benzo(a)pyrene	24.238	252	3356901	44.556	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	3426344	45.605	ng	99
92) Benzo(g,h,i)perylene	28.815	276	3212498	44.663	ng	100

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

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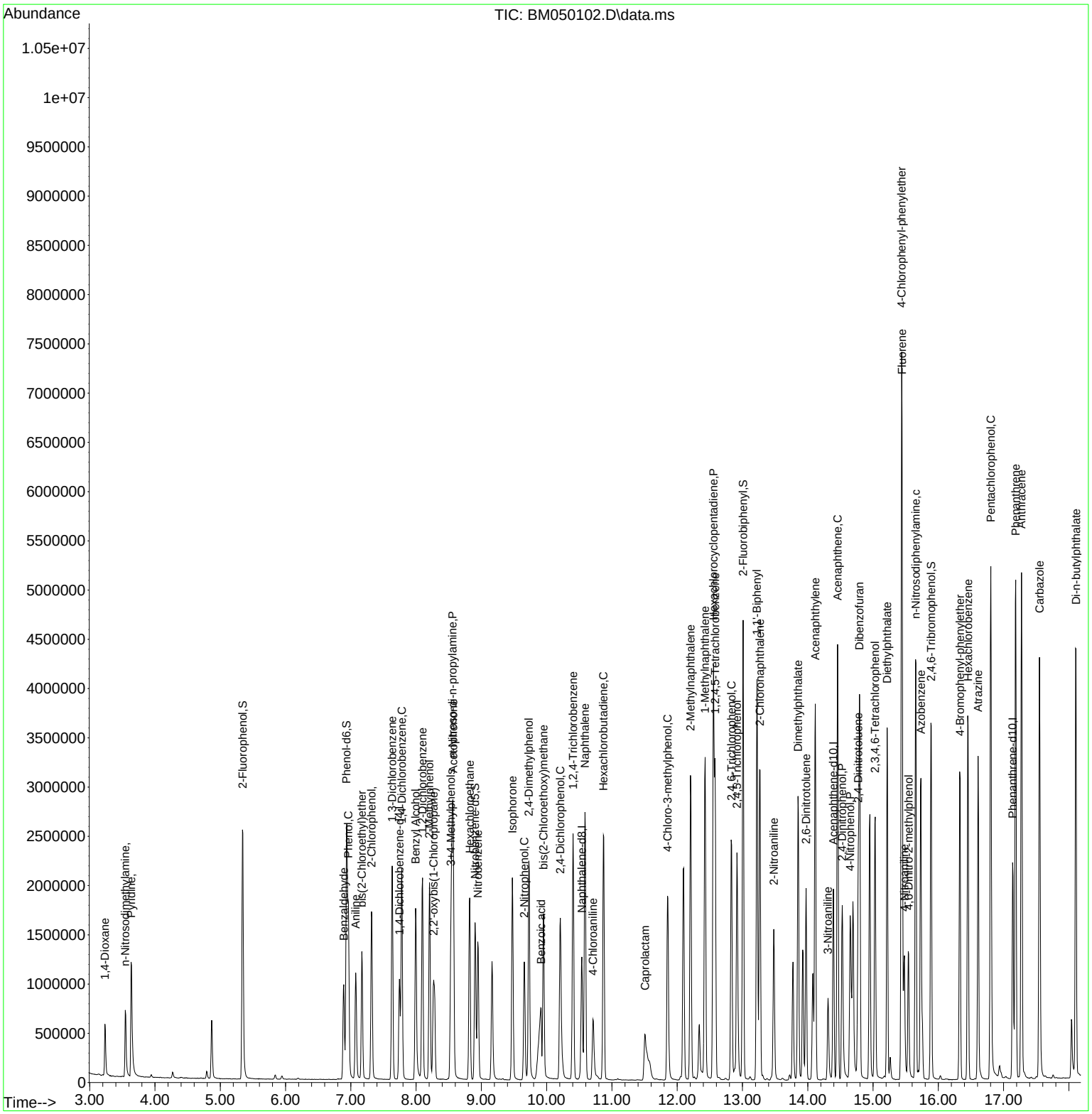

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