Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
Data File : BM050157.D
Acq On : 09 May 2025 13:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 09 14:41:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	257617	20.000	ng		-0.03
21) Naphthalene-d8	10.533	136	935821	20.000	ng		-0.03
39) Acenaphthene-d10	14.392	164	605614	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	1182849	20.000	ng		-0.02
76) Chrysene-d12	21.386	240	1117198	20.000	ng		-0.01
86) Perylene-d12	24.379	264	1094630	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1133529	77.048	ng		-0.02
7) Phenol-d6	6.934	99	1425128	77.071	ng		-0.02
23) Nitrobenzene-d5	8.904	82	1467634	77.279	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	679897	75.925	ng		-0.01
45) 2-Fluorobiphenyl	13.004	172	3959460	77.343	ng		-0.03
79) Terphenyl-d14	19.768	244	6114471	80.987	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	236301	37.460	ng		99
3) Pyridine	3.634	79	610449	37.665	ng		96
4) n-Nitrosodimethylamine	3.546	42	244003	38.385	ng		99
6) Aniline	7.075	93	890736	38.148	ng		99
8) 2-Chlorophenol	7.316	128	610001	38.348	ng		99
9) Benzaldehyde	6.886	77	480349	38.818	ng		99
10) Phenol	6.957	94	718996	38.410	ng		99
11) bis(2-Chloroethyl)ether	7.163	93	581728	37.217	ng		98
12) 1,3-Dichlorobenzene	7.628	146	718815	37.409	ng		99
13) 1,4-Dichlorobenzene	7.775	146	721961	37.400	ng		100
14) 1,2-Dichlorobenzene	8.092	146	701856	37.640	ng		99
15) Benzyl Alcohol	7.992	79	499629	38.962	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.263	45	732353	38.544	ng		100
17) 2-Methylphenol	8.204	107	469049	38.036	ng		99
18) Hexachloroethane	8.810	117	260527	37.966	ng		96
19) n-Nitroso-di-n-propyla...	8.551	70	456250	38.472	ng		99
20) 3+4-Methylphenols	8.533	107	637173	38.261	ng		97
22) Acetophenone	8.569	105	873608	37.549	ng	#	98
24) Nitrobenzene	8.945	77	631316	38.446	ng		99
25) Isophorone	9.469	82	1226875	37.899	ng		98
26) 2-Nitrophenol	9.657	139	333622	39.769	ng		99
27) 2,4-Dimethylphenol	9.727	122	533390	38.340	ng		99
28) bis(2-Chloroethoxy)met...	9.945	93	755999	37.783	ng		100
29) 2,4-Dichlorophenol	10.210	162	600960	38.559	ng		100
30) 1,2,4-Trichlorobenzene	10.398	180	719551	37.893	ng		100
31) Naphthalene	10.580	128	1779479	37.548	ng		100
32) Benzoic acid	9.904	122	334490	37.593	ng		98
33) 4-Chloroaniline	10.704	127	746902	38.450	ng		98
34) Hexachlorobutadiene	10.863	225	457463	37.953	ng		99
35) Caprolactam	11.504	113	169210	37.235	ng		94
36) 4-Chloro-3-methylphenol	11.857	107	544868	37.840	ng		99
37) 2-Methylnaphthalene	12.204	142	1184065	37.265	ng		100
38) 1-Methylnaphthalene	12.421	142	1239777	36.870	ng		100
40) 1,2,4,5-Tetrachloroben...	12.580	216	806756	38.482	ng		100
41) Hexachlorocyclopentadiene	12.551	237	432861	33.786	ng		98
43) 2,4,6-Trichlorophenol	12.833	196	519539	39.071	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	556290	38.796	ng	97
46) 1,1'-Biphenyl	13.221	154	1713045	38.052	ng	99
47) 2-Chloronaphthalene	13.263	162	1364871	38.280	ng	99
48) 2-Nitroaniline	13.480	65	338320	40.430	ng	98
49) Acenaphthylene	14.110	152	2123347	37.771	ng	100
50) Dimethylphthalate	13.851	163	1655941	37.415	ng	100
51) 2,6-Dinitrotoluene	13.974	165	354629	38.700	ng	98
52) Acenaphthene	14.457	154	1231522	37.847	ng	99
53) 3-Nitroaniline	14.315	138	347781	39.752	ng	99
54) 2,4-Dinitrophenol	14.545	184	184099	34.882	ng	97
55) Dibenzofuran	14.792	168	2037952	37.643	ng	100
56) 4-Nitrophenol	14.686	139	204078	31.582	ng	98
57) 2,4-Dinitrotoluene	14.774	165	500234	39.506	ng	96
58) Fluorene	15.439	166	1671485	37.719	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	468673	37.760	ng	99
60) Diethylphthalate	15.215	149	1555092	37.289	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	922002	37.880	ng	99
62) 4-Nitroaniline	15.480	138	306990	36.370	ng	97
63) Azobenzene	15.727	77	1333277	38.147	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	281487	38.017	ng	98
66) n-Nitrosodiphenylamine	15.651	169	1384231	38.110	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	541594	37.863	ng	98
68) Hexachlorobenzene	16.451	284	624549	37.879	ng	99
69) Atrazine	16.609	200	497103	37.941	ng	99
70) Pentachlorophenol	16.809	266	340606	36.699	ng	98
71) Phenanthrene	17.180	178	2494714	37.394	ng	100
72) Anthracene	17.274	178	2548222	37.744	ng	99
73) Carbazole	17.550	167	2209349	37.712	ng	100
74) Di-n-butylphthalate	18.103	149	2635906	37.781	ng	100
75) Fluoranthene	19.203	202	2978087	38.021	ng	100
77) Benzidine	19.392	184	1516813	38.223	ng	100
78) Pyrene	19.568	202	3049192	38.866	ng	100
80) Butylbenzylphthalate	20.462	149	1141638	38.853	ng	97
81) Benzo(a)anthracene	21.368	228	2935276	38.154	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	1140606	38.729	ng	99
83) Chrysene	21.433	228	2676487	37.589	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1677396	38.219	ng	100
85) Di-n-octyl phthalate	22.403	149	2715801	37.521	ng	99
87) Indeno(1,2,3-cd)pyrene	27.767	276	3154594	38.677	ng	100
88) Benzo(b)fluoranthene	23.438	252	2645403	37.161	ng	100
89) Benzo(k)fluoranthene	23.497	252	2713347	37.681	ng	99
90) Benzo(a)pyrene	24.244	252	2511966	37.675	ng	100
91) Dibenzo(a,h)anthracene	27.815	278	2579629	38.799	ng	100
92) Benzo(g,h,i)perylene	28.826	276	2420667	38.029	ng	99

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

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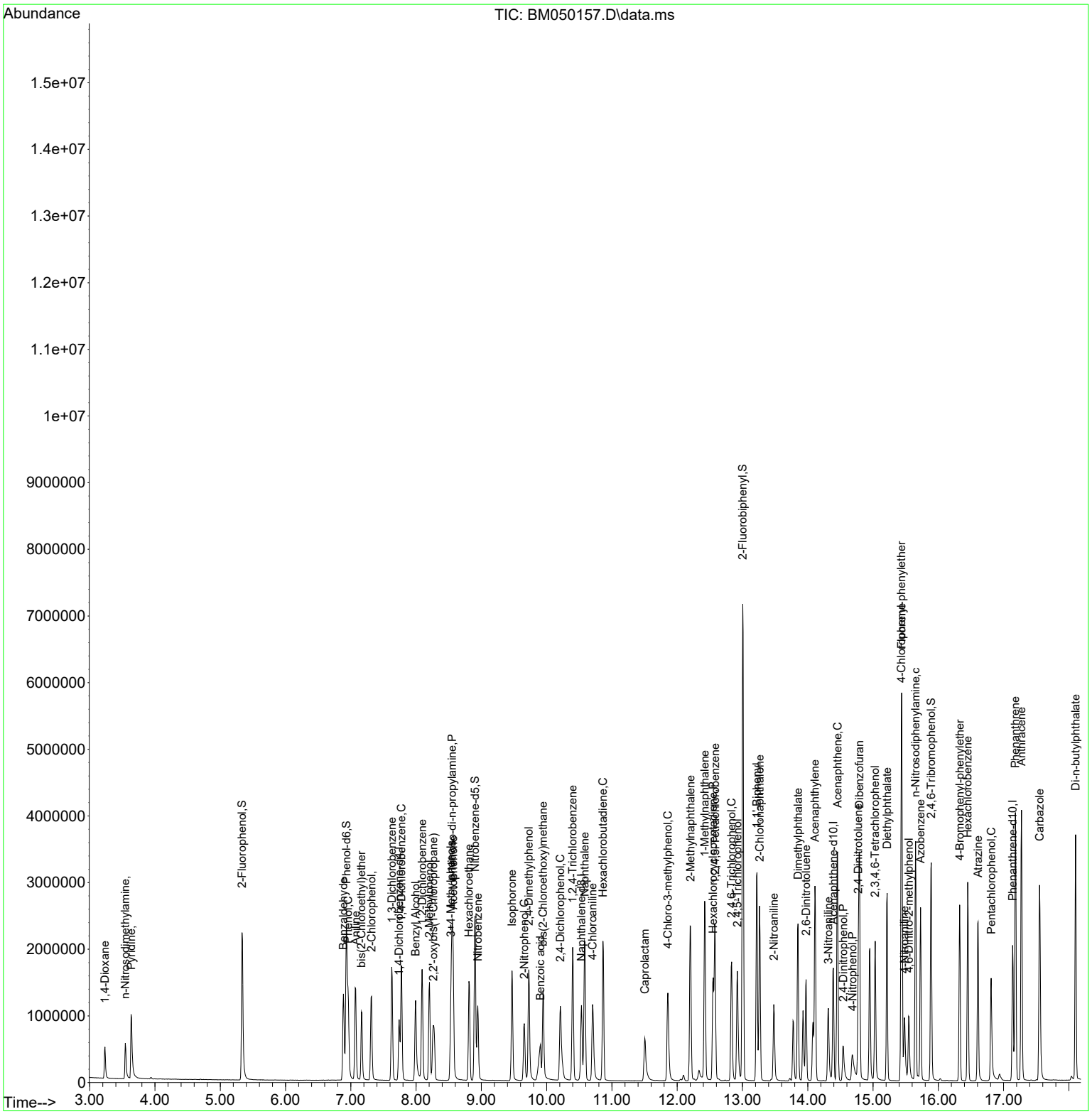

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