Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050112.D
Acq On : 06 May 2025 10:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 06 11:38:37 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	267221	20.000	ng	-0.02
21) Naphthalene-d8	10.534	136	954129	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	616483	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1203468	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1155475	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1141097	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1196996	78.438	ng	-0.02
7) Phenol-d6	6.934	99	1476748	76.993	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1489030	76.902	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	686279	75.287	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3921809	75.257	ng	-0.02
79) Terphenyl-d14	19.768	244	6139793	78.628	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	253944	38.810	ng	100
3) Pyridine	3.640	79	655071	38.965	ng	97
4) n-Nitrosodimethylamine	3.546	42	250015	37.918	ng	99
6) Aniline	7.075	93	920231	37.995	ng	99
8) 2-Chlorophenol	7.316	128	631601	38.279	ng	99
9) Benzaldehyde	6.887	77	481932	37.547	ng	97
10) Phenol	6.963	94	746666	38.454	ng	97
11) bis(2-Chloroethyl)ether	7.169	93	597261	36.837	ng	100
12) 1,3-Dichlorobenzene	7.634	146	753556	37.808	ng	99
13) 1,4-Dichlorobenzene	7.781	146	756388	37.775	ng	99
14) 1,2-Dichlorobenzene	8.098	146	723756	37.419	ng	99
15) Benzyl Alcohol	7.993	79	511797	38.477	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.269	45	740816	37.588	ng	99
17) 2-Methylphenol	8.204	107	479642	37.497	ng	99
18) Hexachloroethane	8.816	117	264695	37.187	ng	97
19) n-Nitroso-di-n-propyla...	8.551	70	457118	37.160	ng	100
20) 3+4-Methylphenols	8.534	107	649732	37.613	ng	97
22) Acetophenone	8.569	105	896647	37.799	ng	98
24) Nitrobenzene	8.945	77	641465	38.314	ng	99
25) Isophorone	9.475	82	1230438	37.279	ng	99
26) 2-Nitrophenol	9.657	139	338225	39.544	ng	99
27) 2,4-Dimethylphenol	9.728	122	545234	38.439	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	758290	37.171	ng	100
29) 2,4-Dichlorophenol	10.210	162	603631	37.987	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	723685	37.380	ng	99
31) Naphthalene	10.586	128	1806338	37.383	ng	99
32) Benzoic acid	9.898	122	344919	38.021	ng	98
33) 4-Chloroaniline	10.704	127	748056	37.770	ng	99
34) Hexachlorobutadiene	10.869	225	461632	37.564	ng	99
35) Caprolactam	11.504	113	173157	37.373	ng	95
36) 4-Chloro-3-methylphenol	11.851	107	545209	37.137	ng	100
37) 2-Methylnaphthalene	12.204	142	1199979	37.041	ng	99
38) 1-Methylnaphthalene	12.422	142	1263138	36.844	ng	99
40) 1,2,4,5-Tetrachloroben...	12.580	216	813267	38.108	ng	99
41) Hexachlorocyclopentadiene	12.551	237	452979	34.733	ng	99
43) 2,4,6-Trichlorophenol	12.833	196	527545	38.974	ng	99

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	561088	38.440	ng	98
46) 1,1'-Biphenyl	13.222	154	1717706	37.483	ng	99
47) 2-Chloronaphthalene	13.263	162	1366748	37.657	ng	100
48) 2-Nitroaniline	13.480	65	341471	40.087	ng	100
49) Acenaphthylene	14.116	152	2133974	37.291	ng	100
50) Dimethylphthalate	13.851	163	1672159	37.115	ng	100
51) 2,6-Dinitrotoluene	13.975	165	360366	38.633	ng	98
52) Acenaphthene	14.457	154	1225254	36.990	ng	99
53) 3-Nitroaniline	14.310	138	357117	40.100	ng	99
54) 2,4-Dinitrophenol	14.533	184	183229	34.233	ng	95
55) Dibenzofuran	14.792	168	2042426	37.060	ng	99
56) 4-Nitrophenol	14.669	139	230774	34.581	ng	99
57) 2,4-Dinitrotoluene	14.774	165	505052	39.183	ng	97
58) Fluorene	15.445	166	1678531	37.210	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	474064	37.521	ng	99
60) Diethylphthalate	15.216	149	1552791	36.577	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	912927	36.846	ng	99
62) 4-Nitroaniline	15.480	138	349016	40.620	ng	98
63) Azobenzene	15.727	77	1318699	37.065	ng	100
65) 4,6-Dinitro-2-methylph...	15.545	198	286334	38.009	ng	99
66) n-Nitrosodiphenylamine	15.651	169	1392242	37.674	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	542466	37.275	ng	98
68) Hexachlorobenzene	16.451	284	630323	37.574	ng	99
69) Atrazine	16.610	200	502744	37.715	ng	99
70) Pentachlorophenol	16.804	266	340135	36.021	ng	99
71) Phenanthrene	17.180	178	2531629	37.297	ng	100
72) Anthracene	17.274	178	2598718	37.832	ng	99
73) Carbazole	17.551	167	2288501	38.394	ng	100
74) Di-n-butylphthalate	18.104	149	2669468	37.606	ng	99
75) Fluoranthene	19.204	202	3031823	38.044	ng	99
77) Benzidine	19.392	184	1563898	38.104	ng	100
78) Pyrene	19.568	202	3125279	38.517	ng	100
80) Butylbenzylphthalate	20.462	149	1166830	38.395	ng	98
81) Benzo(a)anthracene	21.362	228	2996833	37.663	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	1184813	38.898	ng	100
83) Chrysene	21.427	228	2731694	37.094	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1696855	37.381	ng	100
85) Di-n-octyl phthalate	22.403	149	2795441	37.342	ng	100
87) Indeno(1,2,3-cd)pyrene	27.756	276	3257358	38.310	ng	100
88) Benzo(b)fluoranthene	23.433	252	2770613	37.335	ng	99
89) Benzo(k)fluoranthene	23.492	252	2766829	36.859	ng	99
90) Benzo(a)pyrene	24.233	252	2608657	37.532	ng	100
91) Dibenzo(a,h)anthracene	27.803	278	2658072	38.350	ng	100
92) Benzo(g,h,i)perylene	28.815	276	2534494	38.196	ng	99

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

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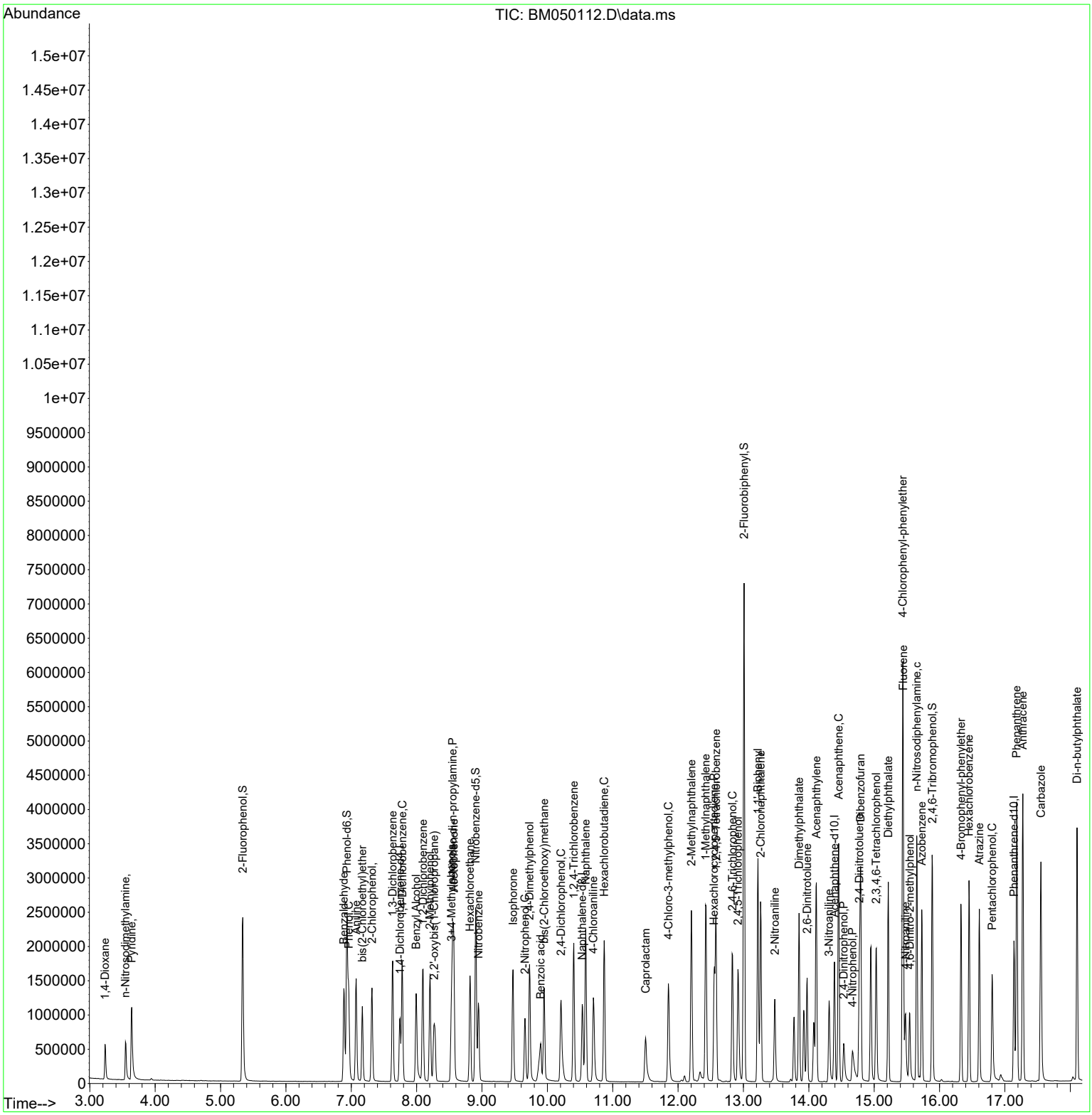

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