Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050488.D
Acq On : 23 Jul 2025 13:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 14:46:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	538986	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	2095876	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	1417302	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	2849654	20.000	ng		0.00
76) Chrysene-d12	21.444	240	2992562	20.000	ng		0.01
86) Perylene-d12	24.474	264	3273796	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2489356	79.501	ng		0.00
7) Phenol-d6	7.016	99	3232837	81.901	ng		0.00
23) Nitrobenzene-d5	9.004	82	3316777	80.737	ng		0.00
42) 2,4,6-Tribromophenol	15.962	330	1649457	95.785	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	8979204	78.238	ng		0.00
79) Terphenyl-d14	19.827	244	12410863	72.969	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	492545	38.254	ng		98
3) Pyridine	3.722	79	1343046	39.731	ng		98
4) n-Nitrosodimethylamine	3.628	42	566685	35.960	ng		89
6) Aniline	7.175	93	2093159	41.320	ng		99
8) 2-Chlorophenol	7.416	128	1366493	41.387	ng		97
9) Benzaldehyde	6.987	77	1046153	44.554	ng		96
10) Phenol	7.040	94	1657774	40.266	ng		99
11) bis(2-Chloroethyl)ether	7.269	93	1299397	39.410	ng		97
12) 1,3-Dichlorobenzene	7.739	146	1581255	39.386	ng		97
13) 1,4-Dichlorobenzene	7.881	146	1606217	39.181	ng		99
14) 1,2-Dichlorobenzene	8.198	146	1544871	39.362	ng		99
15) Benzyl Alcohol	8.086	79	1189108	42.755	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1820521	37.486	ng		100
17) 2-Methylphenol	8.286	107	1110980	41.606	ng		98
18) Hexachloroethane	8.934	117	564527	39.156	ng		94
19) n-Nitroso-di-n-propyla...	8.657	70	1017785	42.563	ng		94
20) 3+4-Methylphenols	8.616	107	1510236	42.131	ng		98
22) Acetophenone	8.669	105	2051210	39.144	ng	#	96
24) Nitrobenzene	9.045	77	1446057	39.446	ng		97
25) Isophorone	9.575	82	2846190	42.697	ng		100
26) 2-Nitrophenol	9.757	139	716834	47.979	ng		94
27) 2,4-Dimethylphenol	9.816	122	1313867	41.327	ng		97
28) bis(2-Chloroethoxy)met...	10.051	93	1763046	39.914	ng		98
29) 2,4-Dichlorophenol	10.292	162	1395541	42.727	ng		98
30) 1,2,4-Trichlorobenzene	10.510	180	1577367	40.370	ng		99
31) Naphthalene	10.698	128	4188454	39.345	ng		99
32) Benzoic acid	9.945	122	988996	50.347	ng		98
33) 4-Chloroaniline	10.798	127	1892384	42.048	ng		98
34) Hexachlorobutadiene	10.986	225	968266	40.602	ng		100
35) Caprolactam	11.580	113	435069	48.795	ng	#	88
36) 4-Chloro-3-methylphenol	11.927	107	1334323	43.748	ng		96
37) 2-Methylnaphthalene	12.304	142	2798868	41.640	ng		99
38) 1-Methylnaphthalene	12.522	142	2951025	41.485	ng		99
40) 1,2,4,5-Tetrachloroben...	12.674	216	1816001	40.292	ng		98
41) Hexachlorocyclopentadiene	12.657	237	1092084	37.906	ng		99
43) 2,4,6-Trichlorophenol	12.910	196	1214104	43.762	ng		97

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44) 2,4,5-Trichlorophenol	12.980	196	1337813	44.153	ng		98
46) 1,1'-Biphenyl	13.316	154	4113625	39.120	ng		99
47) 2-Chloronaphthalene	13.357	162	3262221	38.910	ng		98
48) 2-Nitroaniline	13.551	65	819783	43.806	ng		96
49) Acenaphthylene	14.204	152	5115199	40.370	ng		99
50) Dimethylphthalate	13.939	163	3984657	40.836	ng		99
51) 2,6-Dinitrotoluene	14.045	165	844904	45.097	ng		95
52) Acenaphthene	14.545	154	3234937	40.158	ng		98
53) 3-Nitroaniline	14.374	138	892959	44.817	ng		99
54) 2,4-Dinitrophenol	14.580	184	447135	46.194	ng	#	83
55) Dibenzofuran	14.874	168	4873387	39.264	ng		100
56) 4-Nitrophenol	14.686	139	752320	43.907	ng		88
57) 2,4-Dinitrotoluene	14.833	165	1178835	42.370	ng		94
58) Fluorene	15.521	166	4081607	39.924	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1155498	45.303	ng		95
60) Diethylphthalate	15.298	149	3838064	41.177	ng		100
61) 4-Chlorophenyl-phenyle...	15.521	204	2142724	40.083	ng		98
62) 4-Nitroaniline	15.533	138	926980	40.874	ng		99
63) Azobenzene	15.810	77	3365275	39.319	ng		98
65) 4,6-Dinitro-2-methylph...	15.598	198	659818	43.709	ng		88
66) n-Nitrosodiphenylamine	15.727	169	3500656	39.258	ng		99
67) 4-Bromophenyl-phenylether	16.409	248	1317795	41.972	ng		98
68) Hexachlorobenzene	16.527	284	1526986	41.179	ng		96
69) Atrazine	16.680	200	1269940	43.371	ng		98
70) Pentachlorophenol	16.868	266	1015634	43.998	ng		100
71) Phenanthrene	17.256	178	6258796	38.814	ng		100
72) Anthracene	17.345	178	6451628	40.195	ng		100
73) Carbazole	17.615	167	5866160	40.392	ng		99
74) Di-n-butylphthalate	18.180	149	6814421	42.868	ng		99
75) Fluoranthene	19.268	202	7397813	42.202	ng		99
77) Benzidine	19.445	184	4455697	58.375	ng		99
78) Pyrene	19.627	202	7626459	39.792	ng		100
80) Butylbenzylphthalate	20.521	149	3102877	49.099	ng		98
81) Benzo(a)anthracene	21.427	228	7892434	40.477	ng		100
82) 3,3'-Dichlorobenzidine	21.344	252	3119311	47.438	ng		100
83) Chrysene	21.486	228	7289508	39.635	ng		100
84) Bis(2-ethylhexyl)phtha...	21.350	149	4629074	46.142	ng	#	96
85) Di-n-octyl phthalate	22.497	149	8048934	51.226	ng		97
87) Indeno(1,2,3-cd)pyrene	27.909	276	9570216	41.116	ng		99
88) Benzo(b)fluoranthene	23.515	252	7891128	39.187	ng		100
89) Benzo(k)fluoranthene	23.580	252	7686989	36.789	ng		100
90) Benzo(a)pyrene	24.333	252	7558280	40.096	ng		99
91) Dibenzo(a,h)anthracene	27.968	278	7896753	40.284	ng		99
92) Benzo(g,h,i)perylene	28.979	276	7636056	41.216	ng		99

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

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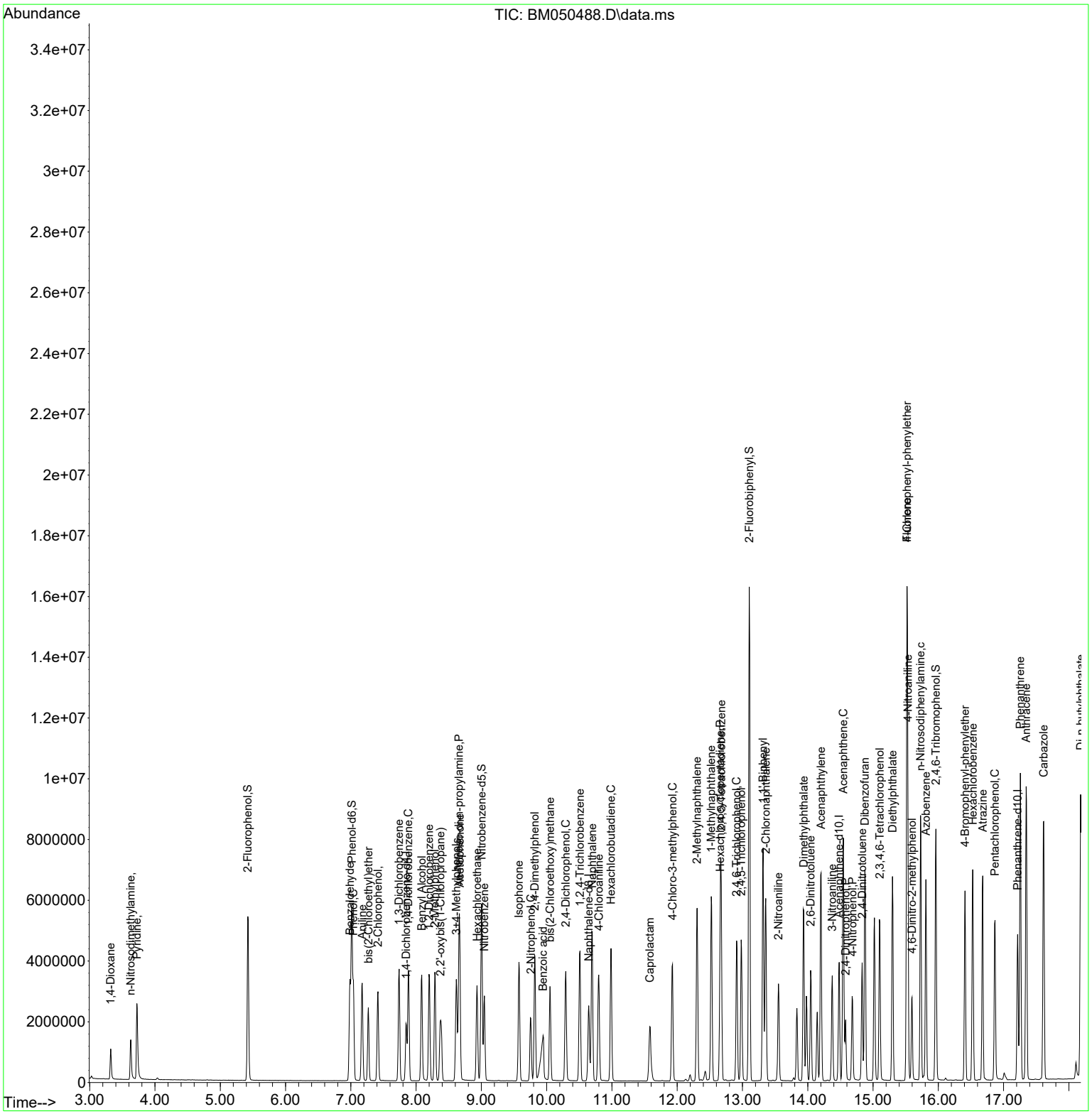

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