Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050427.D
Acq On : 14 Jul 2025 15:32
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 14 16:16:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	430683	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1608016	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	1013987	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	1919132	20.000	ng		0.00
76) Chrysene-d12	21.444	240	2162713	20.000	ng		-0.01
86) Perylene-d12	24.474	264	2182670	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	2014744	80.524	ng		0.00
7) Phenol-d6	7.022	99	2581583	81.848	ng		0.00
23) Nitrobenzene-d5	9.016	82	2600998	82.523	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	1021170	82.887	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	6507210	79.251	ng		0.00
79) Terphenyl-d14	19.833	244	10152974	82.599	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	397222	38.608	ng		98
3) Pyridine	3.734	79	1071120	39.655	ng		99
4) n-Nitrosodimethylamine	3.640	42	506211	40.200	ng		95
6) Aniline	7.187	93	1622768	40.090	ng		99
8) 2-Chlorophenol	7.428	128	1052267	39.884	ng		99
9) Benzaldehyde	6.998	77	834496m	44.477	ng		
10) Phenol	7.051	94	1329265	40.406	ng		100
11) bis(2-Chloroethyl)ether	7.281	93	1030601	39.118	ng		99
12) 1,3-Dichlorobenzene	7.751	146	1252462	39.041	ng		98
13) 1,4-Dichlorobenzene	7.898	146	1278875	39.041	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1223683	39.019	ng		99
15) Benzyl Alcohol	8.098	79	872263	39.249	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1515216	39.045	ng		99
17) 2-Methylphenol	8.298	107	853418	39.997	ng		98
18) Hexachloroethane	8.951	117	451272	39.171	ng		100
19) n-Nitroso-di-n-propyla...	8.669	70	774947	40.557	ng		99
20) 3+4-Methylphenols	8.628	107	1132332	39.532	ng		99
22) Acetophenone	8.681	105	1613954	40.144	ng	#	98
24) Nitrobenzene	9.057	77	1131382	40.226	ng		100
25) Isophorone	9.586	82	2039361	39.875	ng		99
26) 2-Nitrophenol	9.769	139	487594	42.537	ng		99
27) 2,4-Dimethylphenol	9.828	122	966033	39.604	ng		98
28) bis(2-Chloroethoxy)met...	10.063	93	1332297	39.313	ng		100
29) 2,4-Dichlorophenol	10.304	162	1027029	40.984	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	1167727	38.953	ng		99
31) Naphthalene	10.710	128	3224028	39.474	ng		100
32) Benzoic acid	9.945	122	553589	38.347	ng		99
33) 4-Chloroaniline	10.810	127	1390679	40.275	ng		99
34) Hexachlorobutadiene	11.004	225	703628	38.457	ng		99
35) Caprolactam	11.586	113	273673	40.006	ng		98
36) 4-Chloro-3-methylphenol	11.927	107	946668	40.454	ng		100
37) 2-Methylnaphthalene	12.316	142	2035681	39.474	ng		99
38) 1-Methylnaphthalene	12.533	142	2158493	39.549	ng		100
40) 1,2,4,5-Tetrachloroben...	12.686	216	1256233	38.958	ng		99
41) Hexachlorocyclopentadiene	12.674	237	799609	38.794	ng		99
43) 2,4,6-Trichlorophenol	12.921	196	801127	40.362	ng		98

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44) 2,4,5-Trichlorophenol	12.992	196	876286	40.425	ng	99
46) 1,1'-Biphenyl	13.327	154	2978988	39.598	ng	100
47) 2-Chloronaphthalene	13.368	162	2395706	39.940	ng	98
48) 2-Nitroaniline	13.557	65	573425	42.829	ng	98
49) Acenaphthylene	14.210	152	3657040	40.342	ng	99
50) Dimethylphthalate	13.945	163	2737899	39.219	ng	100
51) 2,6-Dinitrotoluene	14.057	165	561408	41.884	ng	99
52) Acenaphthene	14.551	154	2288065	39.701	ng	98
53) 3-Nitroaniline	14.380	138	608433	42.683	ng	99
54) 2,4-Dinitrophenol	14.580	184	260675	38.828	ng	98
55) Dibenzofuran	14.886	168	3500004	39.415	ng	99
56) 4-Nitrophenol	14.680	139	514643	41.982	ng	96
57) 2,4-Dinitrotoluene	14.839	165	763149	38.598	ng	99
58) Fluorene	15.533	166	2904166	39.706	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	727311	39.858	ng	98
60) Diethylphthalate	15.310	149	2640253	39.593	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	1491058	38.987	ng	99
62) 4-Nitroaniline	15.539	138	644151	39.775	ng	96
63) Azobenzene	15.815	77	2458567	40.151	ng	97
65) 4,6-Dinitro-2-methylph...	15.598	198	378517	38.166	ng	97
66) n-Nitrosodiphenylamine	15.739	169	2388732	39.777	ng	98
67) 4-Bromophenyl-phenylether	16.415	248	833400	39.415	ng	98
68) Hexachlorobenzene	16.533	284	981275	39.293	ng	99
69) Atrazine	16.686	200	814152	41.287	ng	99
70) Pentachlorophenol	16.868	266	631085	40.594	ng	99
71) Phenanthrene	17.262	178	4288037	39.486	ng	99
72) Anthracene	17.351	178	4360949	40.343	ng	99
73) Carbazole	17.615	167	4014232	41.042	ng	100
74) Di-n-butylphthalate	18.186	149	4407334	41.169	ng	100
75) Fluoranthene	19.268	202	4846176	41.050	ng	99
77) Benzidine	19.445	184	1031519	18.699	ng	99
78) Pyrene	19.627	202	5163545	37.279	ng	100
80) Butylbenzylphthalate	20.527	149	1945635	42.601	ng	97
81) Benzo(a)anthracene	21.427	228	5564274	39.487	ng	99
82) 3,3'-Dichlorobenzidine	21.344	252	1819908	38.296	ng	100
83) Chrysene	21.486	228	5194454	39.081	ng	100
84) Bis(2-ethylhexyl)phtha...	21.356	149	3123325	43.079	ng	99
85) Di-n-octyl phthalate	22.503	149	4953370	43.621	ng	100
87) Indeno(1,2,3-cd)pyrene	27.915	276	6411569	41.316	ng	100
88) Benzo(b)fluoranthene	23.521	252	5387767	40.131	ng	100
89) Benzo(k)fluoranthene	23.580	252	5403154	38.786	ng	99
90) Benzo(a)pyrene	24.333	252	5082334	40.439	ng	99
91) Dibenzo(a,h)anthracene	27.968	278	5394018	41.272	ng	99
92) Benzo(g,h,i)perylene	28.985	276	5071813	41.061	ng	98

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

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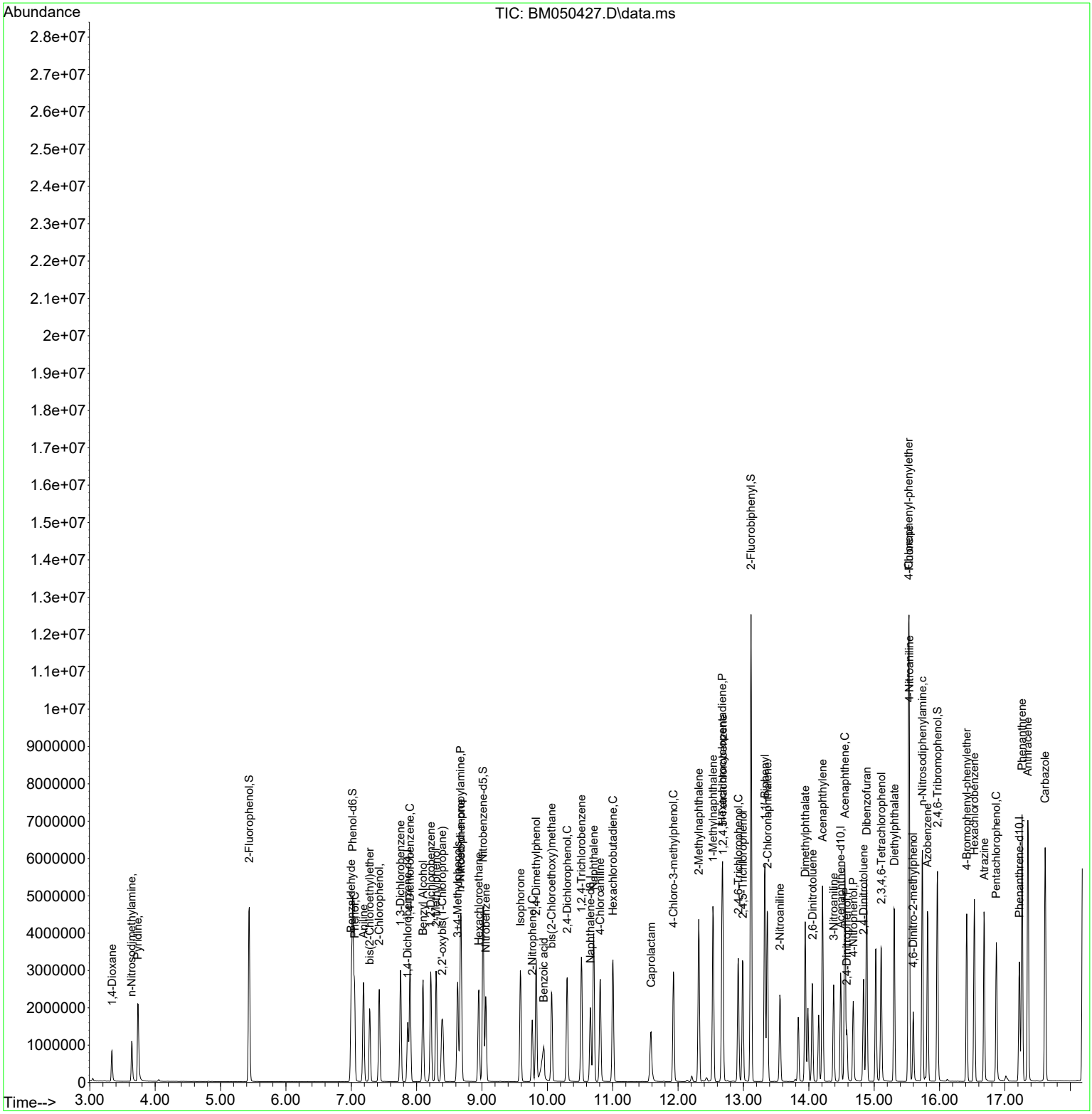

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