Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050395.D
Acq On : 10 Jul 2025 18:38
Operator : RC/JU
Sample : Q2543-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Quant Time: Jul 11 01:56:53 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	627832	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	2379650	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1542629	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	3030624	20.000	ng	0.00
76) Chrysene-d12	21.456	240	2721657	20.000	ng	0.00
86) Perylene-d12	24.491	264	2168246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3652651	100.144	ng	0.00
7) Phenol-d6	7.028	99	4644938	101.022	ng	0.00
23) Nitrobenzene-d5	9.016	82	2791716	59.853	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	2177611	116.182	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	7184736	57.517	ng	0.00
79) Terphenyl-d14	19.839	244	10975426	70.952	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	537480	35.836	ng	99
3) Pyridine	3.728	79	1510802	38.369	ng	98
4) n-Nitrosodimethylamine	3.634	42	765803	41.718	ng	99
6) Aniline	7.187	93	1688343	28.613	ng	100
8) 2-Chlorophenol	7.428	128	1810510	47.075	ng	97
9) Benzaldehyde	6.998	77	1186335	43.374	ng	98
10) Phenol	7.051	94	2229781	46.496	ng	99
11) bis(2-Chloroethyl)ether	7.281	93	1665276	43.360	ng	99
12) 1,3-Dichlorobenzene	7.751	146	1980471	42.349	ng	98
13) 1,4-Dichlorobenzene	7.898	146	2032867	42.571	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1953818	42.737	ng	100
15) Benzyl Alcohol	8.098	79	1486009	45.869	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.398	45	2401924	42.458	ng	99
17) 2-Methylphenol	8.298	107	1446655	46.510	ng	99
18) Hexachloroethane	8.951	117	727697	43.330	ng	96
19) n-Nitroso-di-n-propyla...	8.669	70	1271949	45.665	ng	96
20) 3+4-Methylphenols	8.628	107	1917878	45.932	ng	99
22) Acetophenone	8.681	105	2603803	43.763	ng	98
24) Nitrobenzene	9.057	77	1824064	43.824	ng	100
25) Isophorone	9.592	82	3469303	45.838	ng	100
26) 2-Nitrophenol	9.769	139	863845	50.923	ng	98
27) 2,4-Dimethylphenol	9.833	122	1684393	46.663	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	2229548	44.456	ng	99
29) 2,4-Dichlorophenol	10.304	162	1784421	48.118	ng	97
30) 1,2,4-Trichlorobenzene	10.522	180	1955557	44.080	ng	99
31) Naphthalene	10.710	128	5266045	43.568	ng	100
32) Benzoic acid	9.975	122	1098509	49.383	ng	97
33) 4-Chloroaniline	10.810	127	680711	13.322	ng	98
34) Hexachlorobutadiene	11.004	225	1208237	44.623	ng	99
35) Caprolactam	11.592	113	497947m	49.187	ng	
36) 4-Chloro-3-methylphenol	11.933	107	1686101	48.689	ng	99
37) 2-Methylnaphthalene	12.321	142	3484244	45.655	ng	99
38) 1-Methylnaphthalene	12.539	142	3649174	45.182	ng	100
40) 1,2,4,5-Tetrachloroben...	12.686	216	2314043	47.171	ng	100
41) Hexachlorocyclopentadiene	12.674	237	2892812	92.252	ng	98
43) 2,4,6-Trichlorophenol	12.921	196	1485263	49.186	ng	99

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44) 2,4,5-Trichlorophenol	12.992	196	1624980	49.274	ng		98
46) 1,1'-Biphenyl	13.327	154	5092784	44.497	ng		99
47) 2-Chloronaphthalene	13.368	162	4000217	43.836	ng		99
48) 2-Nitroaniline	13.563	65	1015057	49.834	ng		98
49) Acenaphthylene	14.215	152	6378247	46.249	ng		99
50) Dimethylphthalate	13.951	163	4866350	45.820	ng		100
51) 2,6-Dinitrotoluene	14.063	165	1010477	49.553	ng		97
52) Acenaphthene	14.557	154	4242623	48.388	ng		100
53) 3-Nitroaniline	14.386	138	477830	22.033	ng		98
54) 2,4-Dinitrophenol	14.592	184	930266	82.459	ng	#	83
55) Dibenzofuran	14.892	168	6007916	44.472	ng		100
56) 4-Nitrophenol	14.692	139	1906631	102.234	ng		94
57) 2,4-Dinitrotoluene	14.845	165	1446928	47.433	ng		98
58) Fluorene	15.539	166	5172898	46.488	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.115	232	1388092	50.001	ng		98
60) Diethylphthalate	15.315	149	4816028	47.471	ng		100
61) 4-Chlorophenyl-phenyle...	15.533	204	2746868	47.210	ng		97
62) 4-Nitroaniline	15.545	138	1062082	42.890	ng		98
63) Azobenzene	15.821	77	4609427	49.480	ng		99
65) 4,6-Dinitro-2-methylph...	15.604	198	672374	42.145	ng		97
66) n-Nitrosodiphenylamine	15.745	169	4328727	45.646	ng		100
67) 4-Bromophenyl-phenylether	16.421	248	1611633	48.266	ng		99
68) Hexachlorobenzene	16.539	284	1853729	47.005	ng		96
69) Atrazine	16.692	200	1575006	50.578	ng		99
70) Pentachlorophenol	16.880	266	2531445	103.115	ng		99
71) Phenanthrene	17.268	178	7893716	46.030	ng		100
72) Anthracene	17.362	178	7972053	46.702	ng		100
73) Carbazole	17.621	167	7166463	46.399	ng		100
74) Di-n-butylphthalate	18.198	149	8623521	51.010	ng		99
75) Fluoranthene	19.274	202	10111811	54.240	ng		98
77) Benzidine	19.456	184	5129845	73.896	ng		100
78) Pyrene	19.639	202	10318458	59.196	ng		100
80) Butylbenzylphthalate	20.533	149	3494907	60.807	ng		98
81) Benzo(a)anthracene	21.439	228	8886526	50.112	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	1362474	22.783	ng		99
83) Chrysene	21.497	228	8086730	48.347	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	5199116	56.983	ng		97
85) Di-n-octyl phthalate	22.521	149	7702876	53.903	ng		98
87) Indeno(1,2,3-cd)pyrene	27.932	276	7265894	47.132	ng		99
88) Benzo(b)fluoranthene	23.538	252	7190910	53.918	ng		100
89) Benzo(k)fluoranthene	23.597	252	6756670	48.824	ng		100
90) Benzo(a)pyrene	24.350	252	6454923	51.703	ng		100
91) Dibenzo(a,h)anthracene	27.991	278	5845382	45.023	ng		99
92) Benzo(g,h,i)perylene	29.009	276	5771405	47.035	ng		99

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

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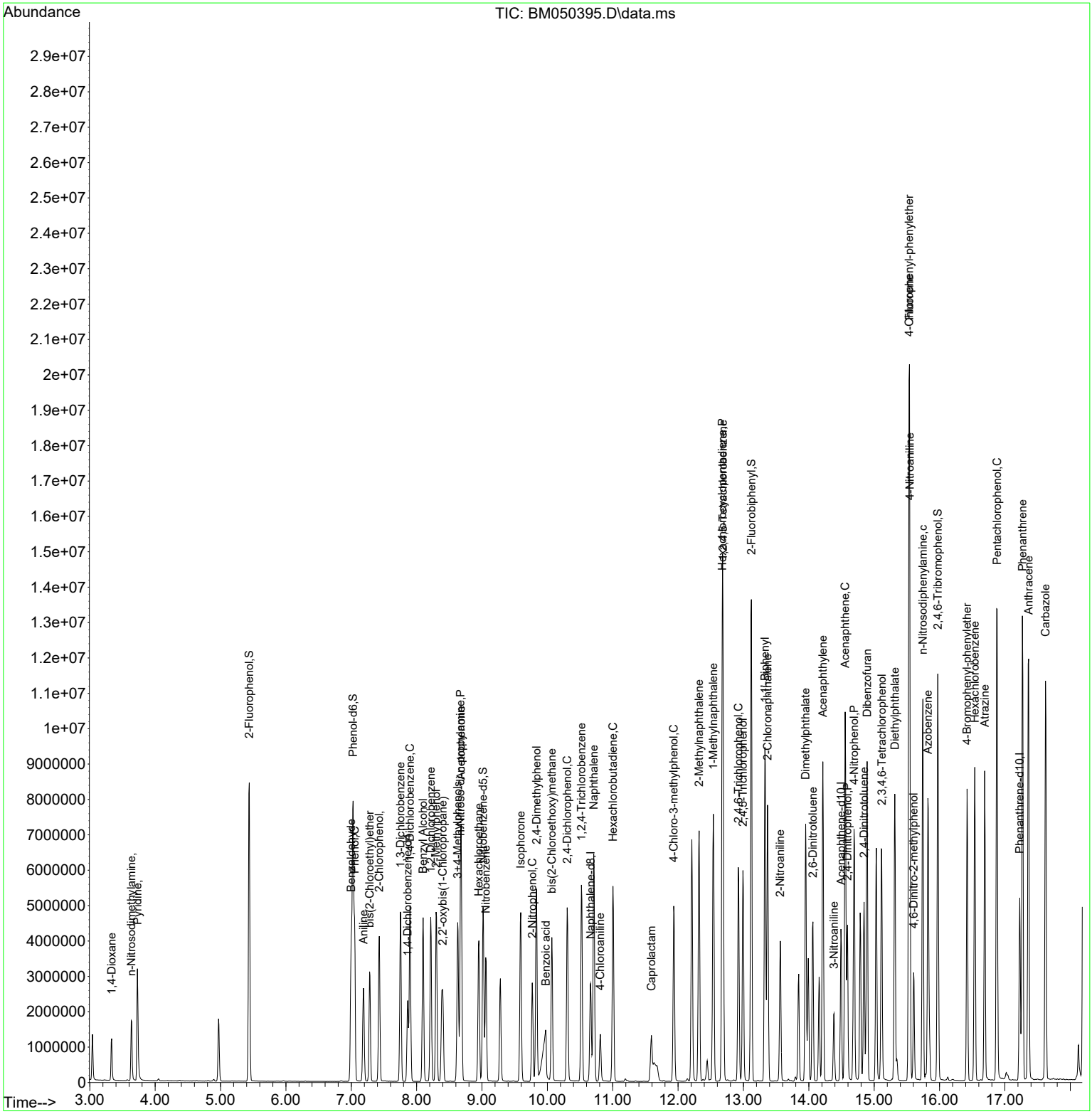

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