Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050396.D
Acq On : 10 Jul 2025 19:18
Operator : RC/JU
Sample : Q2543-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Quant Time: Jul 11 01:52:53 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	614645	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	2249894	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1411021	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	2620467	20.000	ng	0.00
76) Chrysene-d12	21.451	240	2225729	20.000	ng	0.00
86) Perylene-d12	24.491	264	2052956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3450988	96.645	ng	0.00
7) Phenol-d6	7.022	99	4344227	96.509	ng	0.00
23) Nitrobenzene-d5	9.016	82	2617238	59.348	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1874382	109.331	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	6585454	57.636	ng	0.00
79) Terphenyl-d14	19.839	244	8872887	70.141	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	526142	35.833	ng	99
3) Pyridine	3.728	79	1463732	37.971	ng	98
4) n-Nitrosodimethylamine	3.634	42	731084	40.681	ng	97
6) Aniline	7.187	93	1600639	27.708	ng	99
8) 2-Chlorophenol	7.428	128	1699282	45.131	ng	98
9) Benzaldehyde	6.999	77	1120841	41.859	ng	96
10) Phenol	7.051	94	2089530	44.506	ng	98
11) bis(2-Chloroethyl)ether	7.281	93	1577914	41.966	ng	99
12) 1,3-Dichlorobenzene	7.751	146	1892834	41.343	ng	97
13) 1,4-Dichlorobenzene	7.898	146	1933687	41.363	ng	100
14) 1,2-Dichlorobenzene	8.216	146	1850913	41.355	ng	99
15) Benzyl Alcohol	8.098	79	1388018	43.764	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	2226210	40.197	ng	99
17) 2-Methylphenol	8.298	107	1348199	44.275	ng	98
18) Hexachloroethane	8.951	117	687851	41.837	ng	96
19) n-Nitroso-di-n-propyla...	8.669	70	1174078	43.055	ng	97
20) 3+4-Methylphenols	8.628	107	1805050	44.157	ng	100
22) Acetophenone	8.681	105	2412140	42.880	ng	98
24) Nitrobenzene	9.057	77	1710224	43.459	ng	99
25) Isophorone	9.592	82	3170615	44.307	ng	99
26) 2-Nitrophenol	9.769	139	815863	50.869	ng	99
27) 2,4-Dimethylphenol	9.834	122	1556239	45.599	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	2067416	43.600	ng	99
29) 2,4-Dichlorophenol	10.304	162	1647503	46.988	ng	99
30) 1,2,4-Trichlorobenzene	10.522	180	1834623	43.739	ng	99
31) Naphthalene	10.710	128	4898926	42.868	ng	100
32) Benzoic acid	9.969	122	955570	45.912	ng	99
33) 4-Chloroaniline	10.810	127	691231	14.308	ng	100
34) Hexachlorobutadiene	11.004	225	1137979	44.452	ng	99
35) Caprolactam	11.586	113	441432m	46.119	ng	
36) 4-Chloro-3-methylphenol	11.934	107	1526443	46.620	ng	99
37) 2-Methylnaphthalene	12.322	142	3205261	44.421	ng	98
38) 1-Methylnaphthalene	12.539	142	3329442	43.600	ng	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	2132078	47.515	ng	99
41) Hexachlorocyclopentadiene	12.675	237	2667684	93.007	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	1352682	48.974	ng	99

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44) 2,4,5-Trichlorophenol	12.992	196	1463609	48.520	ng		98
46) 1,1'-Biphenyl	13.328	154	4649485	44.413	ng		100
47) 2-Chloronaphthalene	13.369	162	3667702	43.941	ng		99
48) 2-Nitroaniline	13.563	65	904642	48.555	ng		96
49) Acenaphthylene	14.216	152	5761234	45.671	ng		99
50) Dimethylphthalate	13.951	163	4319990	44.469	ng		100
51) 2,6-Dinitrotoluene	14.063	165	901694	48.342	ng		96
52) Acenaphthene	14.557	154	3802891	47.419	ng		100
53) 3-Nitroaniline	14.386	138	413233	20.832	ng		98
54) 2,4-Dinitrophenol	14.592	184	800108	77.919	ng	#	83
55) Dibenzofuran	14.892	168	5391696	43.633	ng		99
56) 4-Nitrophenol	14.692	139	1635097	95.852	ng		92
57) 2,4-Dinitrotoluene	14.845	165	1264089	45.426	ng		97
58) Fluorene	15.539	166	4571931	44.919	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	1225508	48.262	ng		98
60) Diethylphthalate	15.316	149	4182651	45.073	ng		100
61) 4-Chlorophenyl-phenyle...	15.533	204	2412571	45.332	ng		97
62) 4-Nitroaniline	15.545	138	898277	39.854	ng		98
63) Azobenzene	15.821	77	4023579	47.219	ng		99
65) 4,6-Dinitro-2-methylph...	15.604	198	583318	42.265	ng		93
66) n-Nitrosodiphenylamine	15.745	169	3786842	46.182	ng		100
67) 4-Bromophenyl-phenylether	16.421	248	1395382	48.331	ng		98
68) Hexachlorobenzene	16.539	284	1591047	46.659	ng		96
69) Atrazine	16.692	200	1315239	48.847	ng		100
70) Pentachlorophenol	16.874	266	2107205	99.269	ng		100
71) Phenanthrene	17.268	178	6667527	44.966	ng		100
72) Anthracene	17.357	178	6745323	45.700	ng		100
73) Carbazole	17.621	167	5906740	44.228	ng		100
74) Di-n-butylphthalate	18.198	149	6999012	47.880	ng		100
75) Fluoranthene	19.274	202	8007356	49.674	ng		99
77) Benzidine	19.451	184	4081856	71.901	ng		100
78) Pyrene	19.639	202	8094743	56.786	ng		100
80) Butylbenzylphthalate	20.533	149	2664337	56.685	ng		99
81) Benzo(a)anthracene	21.433	228	7089619	48.887	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	1157046	23.658	ng		100
83) Chrysene	21.498	228	6589909	48.177	ng		100
84) Bis(2-ethylhexyl)phtha...	21.368	149	3966910	53.165	ng		97
85) Di-n-octyl phthalate	22.515	149	6199820	53.052	ng		99
87) Indeno(1,2,3-cd)pyrene	27.938	276	7120824	48.785	ng		99
88) Benzo(b)fluoranthene	23.533	252	6338332	50.194	ng		100
89) Benzo(k)fluoranthene	23.597	252	6281505	47.940	ng		100
90) Benzo(a)pyrene	24.344	252	5972104	50.522	ng		100
91) Dibenzo(a,h)anthracene	27.991	278	5721036	46.540	ng		100
92) Benzo(g,h,i)perylene	29.003	276	5692682	48.999	ng		98

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

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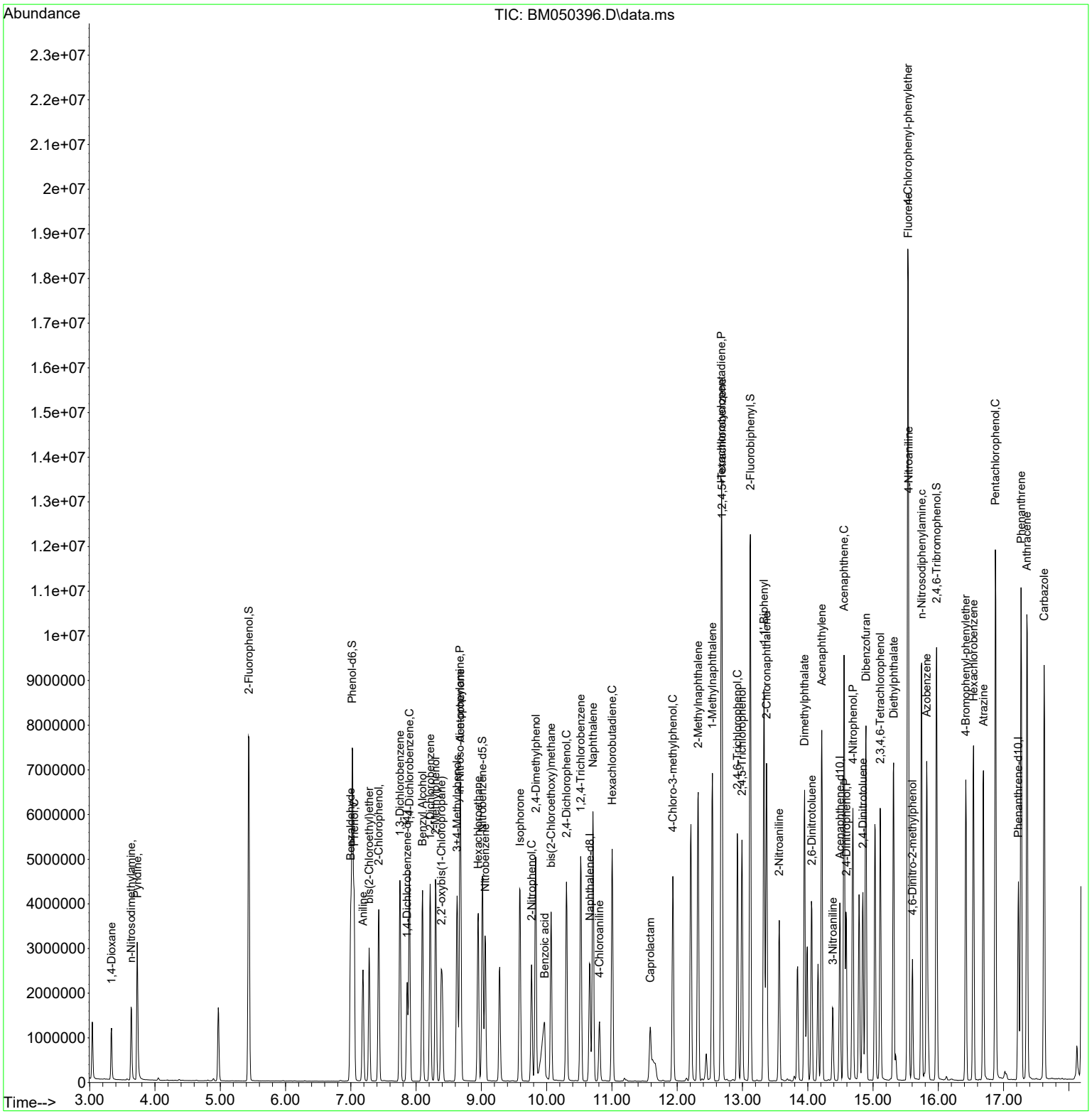

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