Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050455.D
Acq On : 15 Jul 2025 14:51
Operator : RC/JU
Sample : Q2571-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18MS

Quant Time: Jul 15 15:48:13 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	572400	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	2135167	20.000	ng		-0.01
39) Acenaphthene-d10	14.486	164	1406721	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	2803606	20.000	ng		-0.01
76) Chrysene-d12	21.439	240	2966394	20.000	ng		-0.02
86) Perylene-d12	24.468	264	3224440	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	3517681	105.784	ng		0.00
7) Phenol-d6	7.022	99	4268343	101.822	ng		0.00
23) Nitrobenzene-d5	9.016	82	2865562	68.470	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	2396618	140.220	ng		-0.01
45) 2-Fluorobiphenyl	13.110	172	7496048	65.806	ng		-0.01
79) Terphenyl-d14	19.827	244	12062947	71.549	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	403488	29.508	ng	#	65
3) Pyridine	3.746	79	1019533	28.400	ng		98
4) n-Nitrosodimethylamine	3.646	42	557466	33.310	ng		93
6) Aniline	7.187	93	1313465	24.415	ng		99
8) 2-Chlorophenol	7.428	128	1382508	39.428	ng		97
9) Benzaldehyde	6.998	77	660192	26.475	ng		98
10) Phenol	7.051	94	1578382	36.100	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	1247397	35.624	ng		98
12) 1,3-Dichlorobenzene	7.751	146	1406796	32.995	ng		97
13) 1,4-Dichlorobenzene	7.893	146	1442344	33.130	ng		99
14) 1,2-Dichlorobenzene	8.210	146	1401561	33.626	ng		99
15) Benzyl Alcohol	8.093	79	1208787	40.925	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1744477	33.823	ng		97
17) 2-Methylphenol	8.298	107	1113578	39.269	ng		98
18) Hexachloroethane	8.945	117	495370	32.353	ng		94
19) n-Nitroso-di-n-propyla...	8.663	70	990999	39.024	ng		97
20) 3+4-Methylphenols	8.622	107	1522188	39.986	ng		99
22) Acetophenone	8.681	105	1993773	37.347	ng	#	97
24) Nitrobenzene	9.057	77	1399876	37.484	ng		97
25) Isophorone	9.587	82	2757882	40.610	ng		99
26) 2-Nitrophenol	9.763	139	689749	45.316	ng		98
27) 2,4-Dimethylphenol	9.828	122	1321626	40.806	ng		97
28) bis(2-Chloroethoxy)met...	10.063	93	1758739	39.083	ng		100
29) 2,4-Dichlorophenol	10.298	162	1456029	43.758	ng		99
30) 1,2,4-Trichlorobenzene	10.516	180	1478837	37.152	ng		99
31) Naphthalene	10.704	128	3987817	36.771	ng		100
32) Benzoic acid	9.951	122	960193	48.261	ng		97
33) 4-Chloroaniline	10.804	127	644562	14.058	ng		99
34) Hexachlorobutadiene	10.998	225	888419	36.568	ng		99
35) Caprolactam	11.586	113	382349	42.093	ng		91
36) 4-Chloro-3-methylphenol	11.928	107	1380724	44.436	ng		98
37) 2-Methylnaphthalene	12.310	142	2741311	40.033	ng		98
38) 1-Methylnaphthalene	12.533	142	2881486	39.762	ng		100
40) 1,2,4,5-Tetrachloroben...	12.680	216	1788912	39.989	ng		100
41) Hexachlorocyclopentadiene	12.669	237	2005480	70.133	ng		99
43) 2,4,6-Trichlorophenol	12.916	196	1255977	45.612	ng		97

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44) 2,4,5-Trichlorophenol	12.986	196	1380877	45.918	ng		97
46) 1,1'-Biphenyl	13.322	154	4150029	39.763	ng		100
47) 2-Chloronaphthalene	13.363	162	3251114	39.069	ng		98
48) 2-Nitroaniline	13.557	65	855238	46.044	ng		94
49) Acenaphthylene	14.210	152	5152370	40.970	ng		99
50) Dimethylphthalate	13.939	163	4120554	42.546	ng		100
51) 2,6-Dinitrotoluene	14.051	165	860025	46.249	ng		97
52) Acenaphthene	14.551	154	3182821	39.808	ng		100
53) 3-Nitroaniline	14.380	138	603399	30.512	ng		98
54) 2,4-Dinitrophenol	14.580	184	899464	87.045	ng	#	84
55) Dibenzofuran	14.880	168	4980853	40.431	ng		100
56) 4-Nitrophenol	14.686	139	1487936	87.491	ng		90
57) 2,4-Dinitrotoluene	14.833	165	1221917	44.128	ng		96
58) Fluorene	15.527	166	4202985	41.421	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1180371	46.627	ng		96
60) Diethylphthalate	15.304	149	3935219	42.536	ng		99
61) 4-Chlorophenyl-phenyle...	15.521	204	2230029	42.030	ng		98
62) 4-Nitroaniline	15.533	138	910024	40.457	ng		97
63) Azobenzene	15.816	77	3484030	41.012	ng		98
65) 4,6-Dinitro-2-methylph...	15.598	198	643973	43.411	ng		90
66) n-Nitrosodiphenylamine	15.733	169	3603970	41.081	ng		100
67) 4-Bromophenyl-phenylether	16.410	248	1346620	43.595	ng		99
68) Hexachlorobenzene	16.527	284	1564293	42.878	ng		96
69) Atrazine	16.680	200	1280413	44.447	ng		98
70) Pentachlorophenol	16.868	266	2217845	97.656	ng		99
71) Phenanthrene	17.257	178	6437864	40.581	ng		100
72) Anthracene	17.351	178	6536019	41.390	ng		100
73) Carbazole	17.615	167	6040438	42.275	ng		99
74) Di-n-butylphthalate	18.180	149	6847843	43.786	ng		99
75) Fluoranthene	19.262	202	7600062	44.068	ng		99
77) Benzidine	19.445	184	1211247	16.009	ng		99
78) Pyrene	19.627	202	8044944	42.346	ng		99
80) Butylbenzylphthalate	20.521	149	3132628	50.007	ng		98
81) Benzo(a)anthracene	21.421	228	8293520	42.909	ng		100
82) 3,3'-Dichlorobenzidine	21.339	252	2016614	30.939	ng		99
83) Chrysene	21.486	228	7764524	42.591	ng		100
84) Bis(2-ethylhexyl)phtha...	21.351	149	4688722	47.149	ng		97
85) Di-n-octyl phthalate	22.492	149	8079125	51.872	ng		98
87) Indeno(1,2,3-cd)pyrene	27.903	276	10077266	43.957	ng		99
88) Benzo(b)fluoranthene	23.515	252	8379564	42.250	ng		99
89) Benzo(k)fluoranthene	23.574	252	8289661	40.281	ng		100
90) Benzo(a)pyrene	24.327	252	7941671	42.775	ng		99
91) Dibenzo(a,h)anthracene	27.962	278	8344234	43.218	ng		99
92) Benzo(g,h,i)perylene	28.968	276	7977625	43.719	ng		99

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

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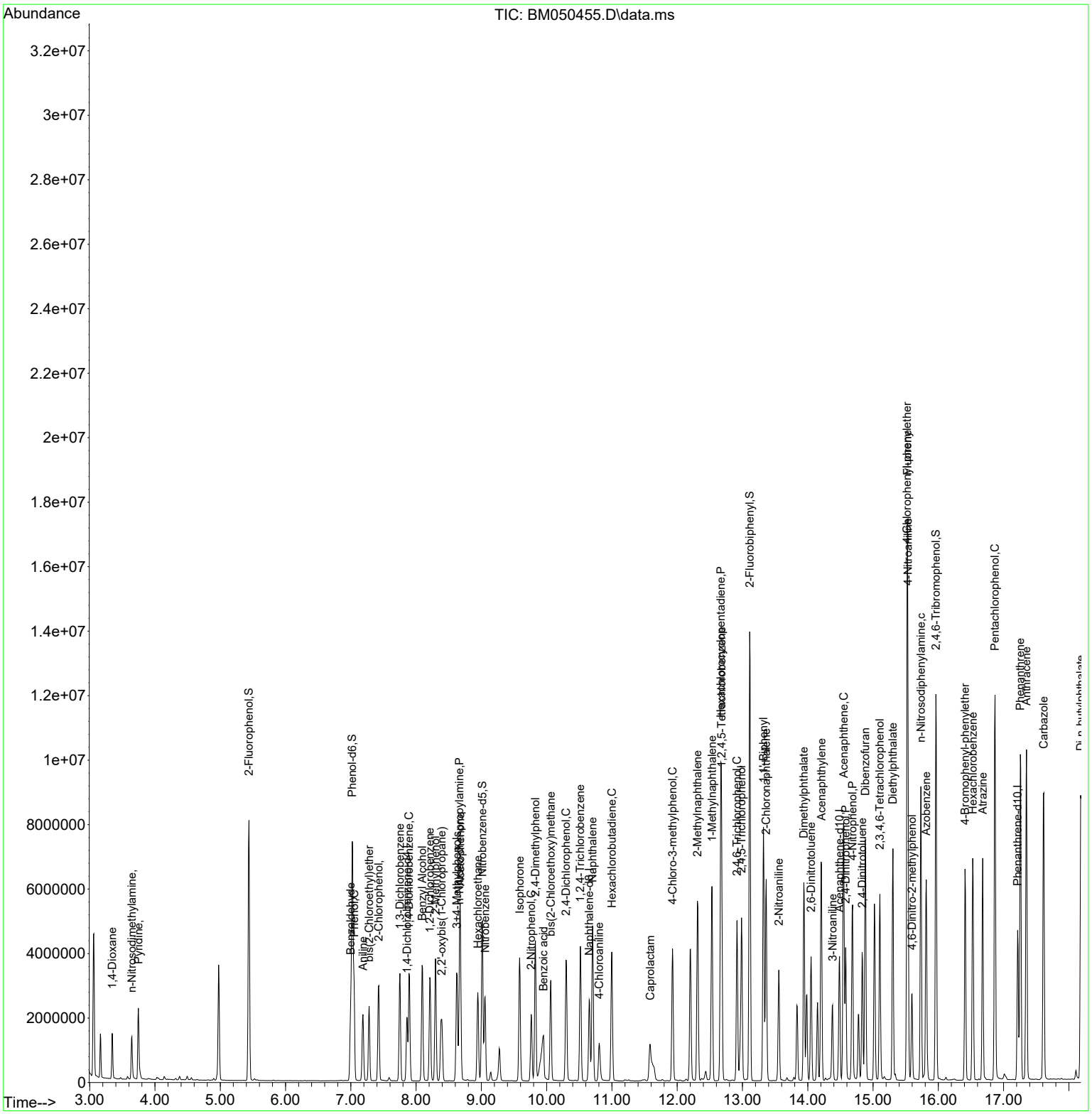

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