Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050435.D
Acq On : 14 Jul 2025 20:55
Operator : RC/JU
Sample : PB168816BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Quant Time: Jul 15 02:04:00 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	370039	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1375892	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	841303	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	1550470	20.000	ng		-0.01
76) Chrysene-d12	21.439	240	1658930	20.000	ng		-0.02
86) Perylene-d12	24.468	264	1714878	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	3272881	152.245	ng		0.00
7) Phenol-d6	7.022	99	4077545	150.464	ng		0.00
23) Nitrobenzene-d5	9.016	82	2465526	91.422	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	1651806	161.595	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	6120850	89.847	ng		0.00
79) Terphenyl-d14	19.833	244	9303616	98.674	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	371940	42.076	ng		99
3) Pyridine	3.734	79	1049913	45.240	ng		99
4) n-Nitrosodimethylamine	3.640	42	558103	51.584	ng		99
6) Aniline	7.187	93	1317351	37.879	ng		100
8) 2-Chlorophenol	7.428	128	1245733	54.955	ng		98
9) Benzaldehyde	6.998	77	776775	48.185	ng		98
10) Phenol	7.051	94	1544097	54.629	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	1174983	51.907	ng		99
12) 1,3-Dichlorobenzene	7.751	146	1394546	50.594	ng		99
13) 1,4-Dichlorobenzene	7.898	146	1424934	50.629	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1370789	50.873	ng		99
15) Benzyl Alcohol	8.098	79	1009271	52.857	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1672207	50.152	ng		99
17) 2-Methylphenol	8.298	107	994877	54.269	ng		99
18) Hexachloroethane	8.945	117	508501	51.372	ng		98
19) n-Nitroso-di-n-propyla...	8.669	70	856466	52.169	ng		96
20) 3+4-Methylphenols	8.628	107	1297033	52.703	ng		99
22) Acetophenone	8.681	105	1797720	52.258	ng	#	98
24) Nitrobenzene	9.057	77	1274156	52.945	ng		99
25) Isophorone	9.587	82	2269519	51.861	ng		99
26) 2-Nitrophenol	9.769	139	582460	59.385	ng		99
27) 2,4-Dimethylphenol	9.828	122	1111698	53.265	ng		98
28) bis(2-Chloroethoxy)met...	10.063	93	1504710	51.891	ng		100
29) 2,4-Dichlorophenol	10.304	162	1169495	54.542	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	1342620	52.343	ng		100
31) Naphthalene	10.710	128	3586358	51.318	ng		100
32) Benzoic acid	9.951	122	680857	52.507	ng		99
33) 4-Chloroaniline	10.804	127	600270	20.317	ng		100
34) Hexachlorobutadiene	11.004	225	812433	51.894	ng		99
35) Caprolactam	11.586	113	305069	52.119	ng		92
36) 4-Chloro-3-methylphenol	11.933	107	1083096	54.093	ng		98
37) 2-Methylnaphthalene	12.316	142	2321707	52.615	ng		99
38) 1-Methylnaphthalene	12.533	142	2415782	51.731	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	1515622	56.650	ng		99
41) Hexachlorocyclopentadiene	12.669	237	2030204	118.714	ng		100
43) 2,4,6-Trichlorophenol	12.922	196	937037	56.899	ng		98

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44) 2,4,5-Trichlorophenol	12.986	196	1023470	56.905	ng		99
46) 1,1'-Biphenyl	13.322	154	3337334	53.467	ng		99
47) 2-Chloronaphthalene	13.363	162	2647719	53.202	ng		99
48) 2-Nitroaniline	13.557	65	642584	57.846	ng		100
49) Acenaphthylene	14.210	152	4035185	53.650	ng		100
50) Dimethylphthalate	13.945	163	3037517	52.442	ng		100
51) 2,6-Dinitrotoluene	14.051	165	628654	56.528	ng		96
52) Acenaphthene	14.551	154	2783323m	58.208	ng		
53) 3-Nitroaniline	14.380	138	388715	32.866	ng		99
54) 2,4-Dinitrophenol	14.586	184	707416	112.451	ng	#	85
55) Dibenzofuran	14.886	168	3834970	52.051	ng		100
56) 4-Nitrophenol	14.686	139	1183901	116.400	ng		95
57) 2,4-Dinitrotoluene	14.839	165	887139	52.987	ng		99
58) Fluorene	15.533	166	3215169	52.981	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	854524	56.441	ng		99
60) Diethylphthalate	15.304	149	2907229	52.545	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	1679835	52.938	ng		98
62) 4-Nitroaniline	15.539	138	677557	49.732	ng		97
63) Azobenzene	15.816	77	2699381	53.132	ng		99
65) 4,6-Dinitro-2-methylph...	15.598	198	452187	53.419	ng		96
66) n-Nitrosodiphenylamine	15.733	169	2644917	54.516	ng		99
67) 4-Bromophenyl-phenylether	16.416	248	950891	55.664	ng		99
68) Hexachlorobenzene	16.533	284	1110677	55.050	ng		96
69) Atrazine	16.680	200	906206	56.882	ng		99
70) Pentachlorophenol	16.868	266	1559824	124.193	ng		99
71) Phenanthrene	17.262	178	4665654	53.179	ng		100
72) Anthracene	17.351	178	4740823	54.286	ng		99
73) Carbazole	17.615	167	4327649	54.767	ng		99
74) Di-n-butylphthalate	18.186	149	4744543	54.857	ng		100
75) Fluoranthene	19.268	202	5249120	55.035	ng		99
77) Benzidine	19.445	184	2233181	52.777	ng		100
78) Pyrene	19.627	202	5560223	52.333	ng		100
80) Butylbenzylphthalate	20.521	149	2097151	59.863	ng		99
81) Benzo(a)anthracene	21.421	228	6001174	55.520	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	1334742	36.617	ng		99
83) Chrysene	21.486	228	5585343	54.784	ng		100
84) Bis(2-ethylhexyl)phtha...	21.350	149	3210717	57.733	ng		99
85) Di-n-octyl phthalate	22.497	149	5358933	61.524	ng		99
87) Indeno(1,2,3-cd)pyrene	27.903	276	7063224	57.930	ng		99
88) Benzo(b)fluoranthene	23.515	252	5924153	56.163	ng		99
89) Benzo(k)fluoranthene	23.580	252	6107434	55.801	ng		100
90) Benzo(a)pyrene	24.333	252	5708080	57.808	ng		99
91) Dibenzo(a,h)anthracene	27.962	278	5928579	57.737	ng		100
92) Benzo(g,h,i)perylene	28.968	276	5608837	57.795	ng		99

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

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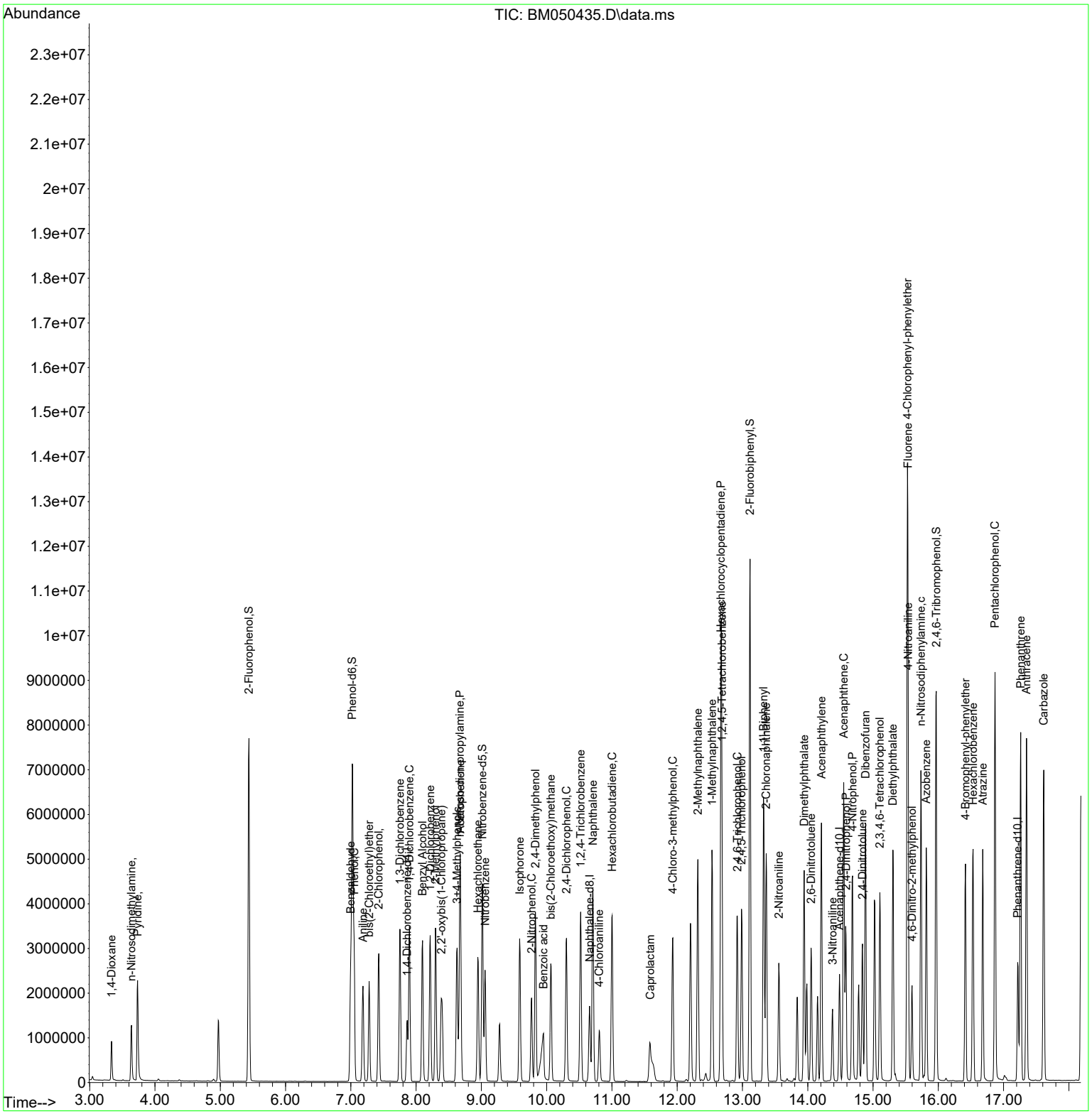

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