Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050456.D
Acq On : 15 Jul 2025 15:31
Operator : RC/JU
Sample : Q2571-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

Quant Time: Jul 15 16:01:33 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	7.857	152	557347	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	2114221	20.000	ng	-0.01
39) Acenaphthene-d10	14.486	164	1418618	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2807645	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	3021882	20.000	ng	-0.02
86) Perylene-d12	24.468	264	3215714	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3559163	109.922	ng	0.00
7) Phenol-d6	7.022	99	4307006	105.519	ng	0.00
23) Nitrobenzene-d5	9.016	82	2906747	70.142	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	2443638	141.772	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	7655220	66.640	ng	-0.01
79) Terphenyl-d14	19.827	244	12523957	72.919	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	408890	30.710	ng	# 67
3) Pyridine	3.746	79	1023714	29.287	ng	96
4) n-Nitrosodimethylamine	3.646	42	561547	34.460	ng	92
6) Aniline	7.187	93	1308261	24.975	ng	99
8) 2-Chlorophenol	7.428	128	1383385	40.518	ng	97
9) Benzaldehyde	6.998	77	657857	27.094	ng	97
10) Phenol	7.051	94	1592263	37.401	ng	98
11) bis(2-Chloroethyl)ether	7.281	93	1256260	36.847	ng	98
12) 1,3-Dichlorobenzene	7.751	146	1407841	33.911	ng	96
13) 1,4-Dichlorobenzene	7.898	146	1440954	33.992	ng	99
14) 1,2-Dichlorobenzene	8.210	146	1406719	34.662	ng	99
15) Benzyl Alcohol	8.098	79	1213252	42.186	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1747927	34.805	ng	99
17) 2-Methylphenol	8.298	107	1128963	40.887	ng	99
18) Hexachloroethane	8.945	117	498600	33.444	ng	94
19) n-Nitroso-di-n-propyla...	8.663	70	1007245	40.735	ng	95
20) 3+4-Methylphenols	8.622	107	1548647	41.779	ng	99
22) Acetophenone	8.681	105	2014688	38.113	ng	# 97
24) Nitrobenzene	9.057	77	1403081	37.942	ng	97
25) Isophorone	9.586	82	2784403	41.407	ng	100
26) 2-Nitrophenol	9.763	139	707026	46.912	ng	98
27) 2,4-Dimethylphenol	9.828	122	1343994	41.907	ng	97
28) bis(2-Chloroethoxy)met...	10.063	93	1769875	39.720	ng	98
29) 2,4-Dichlorophenol	10.298	162	1467263	44.533	ng	99
30) 1,2,4-Trichlorobenzene	10.516	180	1486053	37.703	ng	99
31) Naphthalene	10.704	128	4031573	37.542	ng	99
32) Benzoic acid	9.951	122	985318	49.798	ng	96
33) 4-Chloroaniline	10.804	127	621015	13.679	ng	99
34) Hexachlorobutadiene	10.998	225	892438	37.098	ng	99
35) Caprolactam	11.586	113	385024	42.807	ng	93
36) 4-Chloro-3-methylphenol	11.927	107	1401712	45.558	ng	98
37) 2-Methylnaphthalene	12.310	142	2773699	40.907	ng	97
38) 1-Methylnaphthalene	12.533	142	2914040	40.609	ng	99
40) 1,2,4,5-Tetrachloroben...	12.680	216	1816052	40.255	ng	99
41) Hexachlorocyclopentadiene	12.669	237	2000208	69.362	ng	99
43) 2,4,6-Trichlorophenol	12.916	196	1275451	45.930	ng	99

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44) 2,4,5-Trichlorophenol	12.986	196	1417129	46.728	ng		96
46) 1,1'-Biphenyl	13.322	154	4208779	39.988	ng		100
47) 2-Chloronaphthalene	13.363	162	3315084	39.504	ng		98
48) 2-Nitroaniline	13.557	65	881762	47.074	ng		95
49) Acenaphthylene	14.204	152	5226313	41.209	ng		99
50) Dimethylphthalate	13.939	163	4217003	43.177	ng		100
51) 2,6-Dinitrotoluene	14.051	165	882615	47.066	ng		95
52) Acenaphthene	14.551	154	3272271m	40.584	ng		
53) 3-Nitroaniline	14.380	138	609247	30.549	ng		97
54) 2,4-Dinitrophenol	14.580	184	976116	93.183	ng	#	82
55) Dibenzofuran	14.880	168	5065232	40.771	ng		100
56) 4-Nitrophenol	14.686	139	1537363	89.640	ng		89
57) 2,4-Dinitrotoluene	14.833	165	1256724	44.950	ng		96
58) Fluorene	15.527	166	4299538	42.017	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1212432	47.492	ng		95
60) Diethylphthalate	15.304	149	4020100	43.090	ng		99
61) 4-Chlorophenyl-phenyle...	15.521	204	2271348	42.449	ng		98
62) 4-Nitroaniline	15.539	138	923554	40.697	ng		99
63) Azobenzene	15.815	77	3552158	41.464	ng		96
65) 4,6-Dinitro-2-methylph...	15.598	198	679673	45.411	ng		87
66) n-Nitrosodiphenylamine	15.733	169	3676660	41.849	ng		100
67) 4-Bromophenyl-phenylether	16.410	248	1373284	44.394	ng		99
68) Hexachlorobenzene	16.527	284	1604008	43.903	ng		96
69) Atrazine	16.680	200	1310346	45.421	ng		100
70) Pentachlorophenol	16.868	266	2276407	100.090	ng		99
71) Phenanthrene	17.257	178	6619627	41.666	ng		100
72) Anthracene	17.351	178	6692575	42.320	ng		100
73) Carbazole	17.615	167	6197472	43.312	ng		99
74) Di-n-butylphthalate	18.180	149	6994092	44.657	ng		100
75) Fluoranthene	19.262	202	7801051	45.168	ng		99
77) Benzidine	19.439	184	1171840	15.203	ng		99
78) Pyrene	19.627	202	8165660	42.192	ng		100
80) Butylbenzylphthalate	20.521	149	3193473	50.043	ng		97
81) Benzo(a)anthracene	21.421	228	8507761	43.209	ng		100
82) 3,3'-Dichlorobenzidine	21.339	252	2069707	31.170	ng		100
83) Chrysene	21.486	228	7958393	42.852	ng		100
84) Bis(2-ethylhexyl)phtha...	21.350	149	4751750	46.905	ng		97
85) Di-n-octyl phthalate	22.491	149	8175865	51.529	ng		98
87) Indeno(1,2,3-cd)pyrene	27.897	276	10228808	44.739	ng		99
88) Benzo(b)fluoranthene	23.509	252	8609026	43.524	ng		100
89) Benzo(k)fluoranthene	23.574	252	8467463	41.256	ng		100
90) Benzo(a)pyrene	24.327	252	8088464	43.684	ng		99
91) Dibenzo(a,h)anthracene	27.956	278	8517741	44.237	ng		99
92) Benzo(g,h,i)perylene	28.968	276	8107902	44.553	ng		99

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

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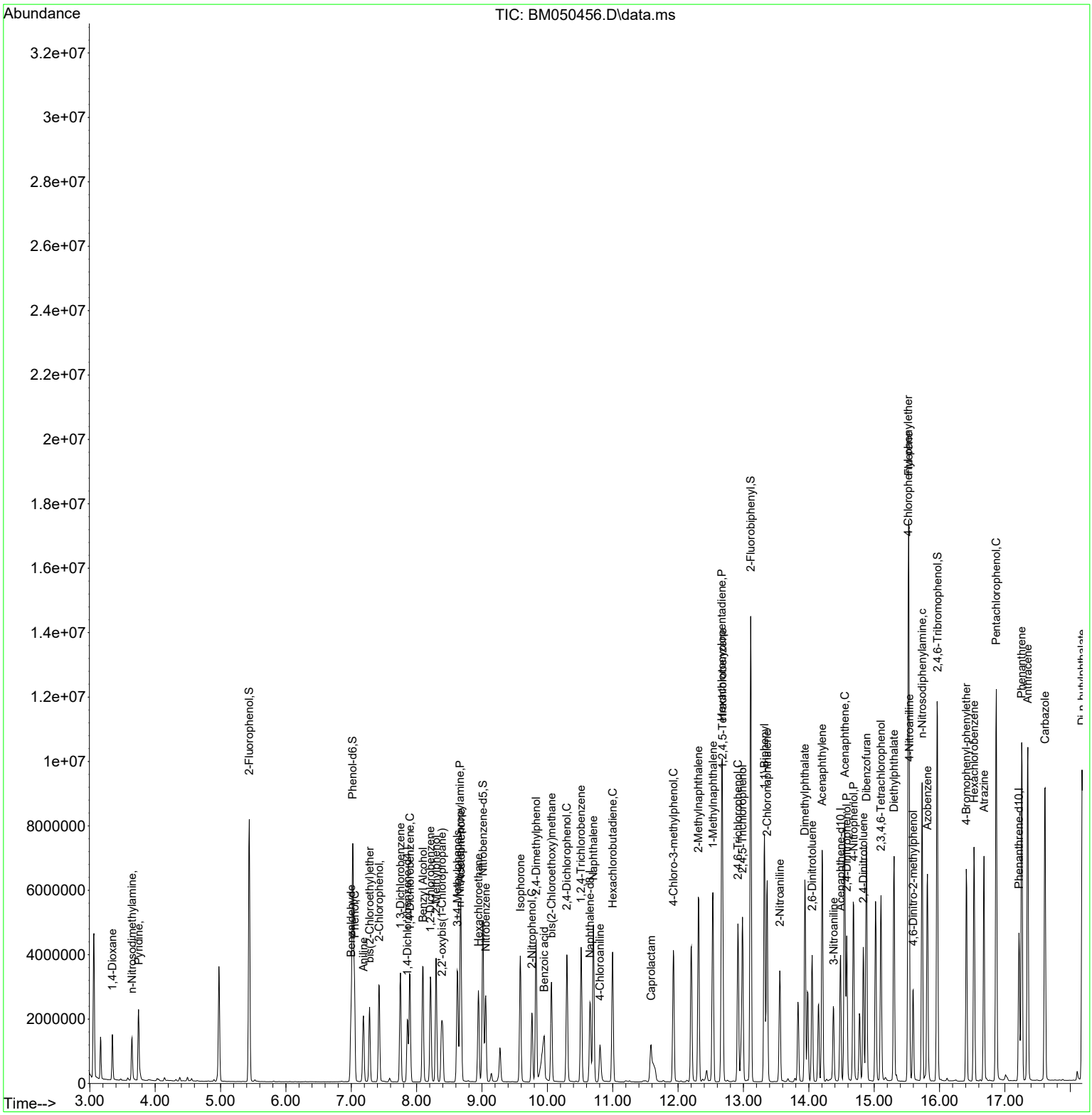

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