Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050433.D
Acq On : 14 Jul 2025 19:34
Operator : RC/JU
Sample : PB168820BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168820BS

Quant Time: Jul 15 02:16:29 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	348266	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1290876	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	792227	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	1449594	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1567426	20.000	ng		-0.02
86) Perylene-d12	24.468	264	1633718	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	3344482	165.302	ng		0.00
7) Phenol-d6	7.022	99	4155161	162.914	ng		0.00
23) Nitrobenzene-d5	9.016	82	2385091	94.264	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	1624216	168.739	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	5990252	93.377	ng		0.00
79) Terphenyl-d14	19.833	244	8964533	100.628	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	352897	42.417	ng		99
3) Pyridine	3.734	79	981610	44.941	ng		99
4) n-Nitrosodimethylamine	3.640	42	524174	51.477	ng		97
6) Aniline	7.187	93	1275950	38.982	ng		100
8) 2-Chlorophenol	7.428	128	1130442	52.987	ng		99
9) Benzaldehyde	6.998	77	709456	46.760	ng		99
10) Phenol	7.051	94	1423721	53.519	ng		100
11) bis(2-Chloroethyl)ether	7.281	93	1059601	49.736	ng		100
12) 1,3-Dichlorobenzene	7.751	146	1283114	49.462	ng		98
13) 1,4-Dichlorobenzene	7.898	146	1313911	49.603	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1251541	49.352	ng		99
15) Benzyl Alcohol	8.098	79	911480	50.720	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1555684	49.575	ng		100
17) 2-Methylphenol	8.298	107	902465	52.305	ng		100
18) Hexachloroethane	8.945	117	463374	49.740	ng		98
19) n-Nitroso-di-n-propyla...	8.669	70	787963	50.997	ng		98
20) 3+4-Methylphenols	8.628	107	1202364	51.911	ng		99
22) Acetophenone	8.681	105	1654254	51.255	ng	#	98
24) Nitrobenzene	9.057	77	1162331	51.479	ng		99
25) Isophorone	9.587	82	2054546	50.041	ng		99
26) 2-Nitrophenol	9.769	139	506203	55.009	ng		99
27) 2,4-Dimethylphenol	9.828	122	1010375	51.599	ng		100
28) bis(2-Chloroethoxy)met...	10.063	93	1371017	50.394	ng		100
29) 2,4-Dichlorophenol	10.304	162	1079036	53.638	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	1202586	49.971	ng		100
31) Naphthalene	10.710	128	3296008	50.269	ng		100
32) Benzoic acid	9.945	122	575747	47.914	ng		99
33) 4-Chloroaniline	10.810	127	654732	23.620	ng		99
34) Hexachlorobutadiene	10.998	225	716936	48.810	ng		99
35) Caprolactam	11.581	113	263935	48.061	ng		97
36) 4-Chloro-3-methylphenol	11.928	107	981822	52.264	ng		99
37) 2-Methylnaphthalene	12.316	142	2117197	51.141	ng		99
38) 1-Methylnaphthalene	12.533	142	2206472	50.361	ng		100
40) 1,2,4,5-Tetrachloroben...	12.686	216	1333527	52.931	ng		99
41) Hexachlorocyclopentadiene	12.675	237	1784490	110.810	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	839162	54.113	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	912441	53.875	ng	98
46) 1,1'-Biphenyl	13.322	154	3059882	52.058	ng	99
47) 2-Chloronaphthalene	13.363	162	2418230	51.601	ng	99
48) 2-Nitroaniline	13.557	65	585492	55.971	ng	98
49) Acenaphthylene	14.210	152	3725502	52.601	ng	99
50) Dimethylphthalate	13.945	163	2769562	50.778	ng	100
51) 2,6-Dinitrotoluene	14.057	165	573466	54.760	ng	97
52) Acenaphthene	14.551	154	2535484	56.309	ng	98
53) 3-Nitroaniline	14.380	138	379664	34.090	ng	98
54) 2,4-Dinitrophenol	14.586	184	601902	102.223	ng	87
55) Dibenzofuran	14.886	168	3530998	50.894	ng	99
56) 4-Nitrophenol	14.686	139	1078354	112.590	ng	94
57) 2,4-Dinitrotoluene	14.839	165	793751	50.481	ng	98
58) Fluorene	15.527	166	2942488	51.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	753553	52.855	ng	99
60) Diethylphthalate	15.304	149	2651472	50.891	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	1514397	50.681	ng	99
62) 4-Nitroaniline	15.539	138	616949	48.174	ng	96
63) Azobenzene	15.816	77	2487435	51.993	ng	97
65) 4,6-Dinitro-2-methylph...	15.598	198	389215	49.680	ng	98
66) n-Nitrosodiphenylamine	15.733	169	2415663	53.255	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	836137	52.353	ng	98
68) Hexachlorobenzene	16.533	284	982766	52.100	ng	98
69) Atrazine	16.680	200	801913	53.839	ng	98
70) Pentachlorophenol	16.868	266	1361627	115.957	ng	99
71) Phenanthrene	17.263	178	4222371	51.476	ng	99
72) Anthracene	17.351	178	4291168	52.556	ng	100
73) Carbazole	17.615	167	3918370	53.039	ng	100
74) Di-n-butylphthalate	18.186	149	4235612	52.380	ng	100
75) Fluoranthene	19.268	202	4671011	52.382	ng	99
77) Benzidine	19.445	184	2199279	55.010	ng	99
78) Pyrene	19.627	202	5021358	50.021	ng	100
80) Butylbenzylphthalate	20.521	149	1836980	55.497	ng	98
81) Benzo(a)anthracene	21.421	228	5345971	52.345	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	1245266	36.156	ng	100
83) Chrysene	21.486	228	5052123	52.446	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	2876789	54.748	ng	100
85) Di-n-octyl phthalate	22.497	149	4768695	57.944	ng	99
87) Indeno(1,2,3-cd)pyrene	27.903	276	6463066	55.641	ng	100
88) Benzo(b)fluoranthene	23.515	252	5347643	53.216	ng	99
89) Benzo(k)fluoranthene	23.580	252	5518572	52.925	ng	100
90) Benzo(a)pyrene	24.327	252	5160697	54.861	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	5448181	55.694	ng	99
92) Benzo(g,h,i)perylene	28.974	276	5136149	55.553	ng	100

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

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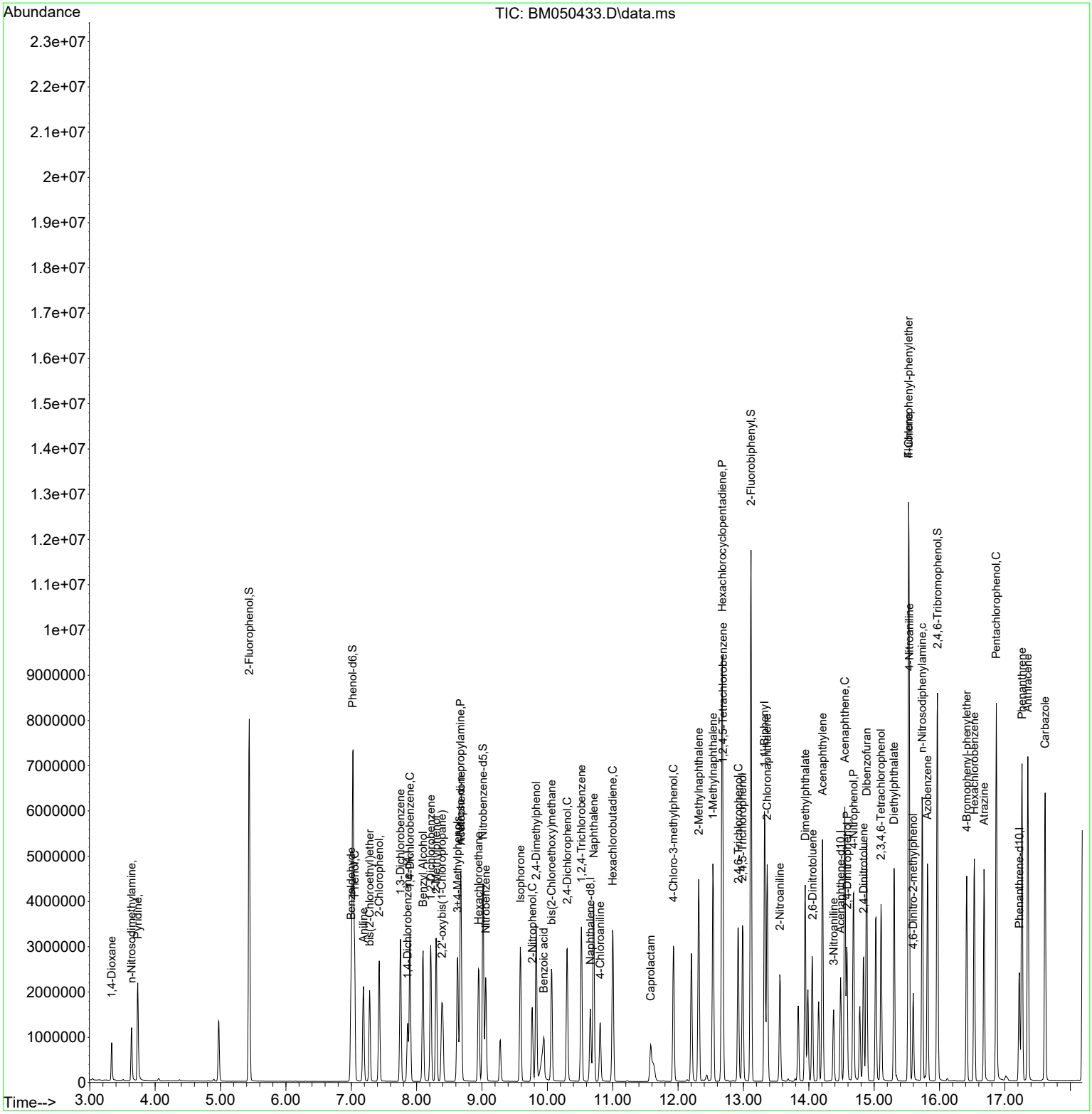

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