Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050114.D
Acq On : 06 May 2025 11:21
Operator : RC/JU
Sample : PB167857BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Quant Time: May 06 13:04:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	251916	20.000	ng	-0.02
21) Naphthalene-d8	10.533	136	880758	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	559090	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1068022	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1067615	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1110219	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1808154	125.685	ng	-0.02
7) Phenol-d6	6.934	99	2194221	121.350	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1309925	73.287	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1083363	131.048	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3444742	72.888	ng	-0.02
79) Terphenyl-d14	19.768	244	5509327	76.361	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	199047	32.269	ng	99
3) Pyridine	3.634	79	565333	35.670	ng	96
4) n-Nitrosodimethylamine	3.546	42	244948	39.406	ng	99
6) Aniline	7.075	93	801388	35.098	ng	98
8) 2-Chlorophenol	7.316	128	637424	40.979	ng	98
9) Benzaldehyde	6.892	77	270823	22.381	ng	100
10) Phenol	6.963	94	747544	40.838	ng	97
11) bis(2-Chloroethyl)ether	7.169	93	597431	39.086	ng	100
12) 1,3-Dichlorobenzene	7.634	146	735168	39.126	ng	99
13) 1,4-Dichlorobenzene	7.781	146	745620	39.500	ng	100
14) 1,2-Dichlorobenzene	8.092	146	715845	39.259	ng	98
15) Benzyl Alcohol	7.992	79	498872	39.784	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	722306	38.876	ng	99
17) 2-Methylphenol	8.204	107	476788	39.539	ng	98
18) Hexachloroethane	8.816	117	264449	39.410	ng	99
19) n-Nitroso-di-n-propyla...	8.551	70	436482	37.638	ng	99
20) 3+4-Methylphenols	8.533	107	643262	39.501	ng	97
22) Acetophenone	8.569	105	862792	39.402	ng	98
24) Nitrobenzene	8.945	77	624497	40.408	ng	99
25) Isophorone	9.475	82	1171263	38.443	ng	99
26) 2-Nitrophenol	9.657	139	331231	41.952	ng	99
27) 2,4-Dimethylphenol	9.727	122	538682	41.141	ng	100
28) bis(2-Chloroethoxy)met...	9.951	93	729831	38.756	ng	99
29) 2,4-Dichlorophenol	10.210	162	604437	41.206	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	715468	40.034	ng	100
31) Naphthalene	10.586	128	1766653	39.607	ng	100
32) Benzoic acid	9.898	122	347950	41.550	ng	97
33) 4-Chloroaniline	10.710	127	620975	33.966	ng	99
34) Hexachlorobutadiene	10.869	225	456694	40.257	ng	100
35) Caprolactam	11.510	113	169402	39.608	ng	90
36) 4-Chloro-3-methylphenol	11.851	107	545727	40.269	ng	97
37) 2-Methylnaphthalene	12.204	142	1149787	38.449	ng	100
38) 1-Methylnaphthalene	12.427	142	1215114	38.395	ng	99
40) 1,2,4,5-Tetrachloroben...	12.580	216	791499	40.895	ng	99
41) Hexachlorocyclopentadiene	12.557	237	1025596	86.711	ng	98
43) 2,4,6-Trichlorophenol	12.833	196	517394	42.148	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	561291	42.402	ng	100
46) 1,1'-Biphenyl	13.221	154	1669025	40.159	ng	99
47) 2-Chloronaphthalene	13.263	162	1327323	40.325	ng	100
48) 2-Nitroaniline	13.480	65	336871	43.606	ng	99
49) Acenaphthylene	14.115	152	2099404	40.453	ng	100
50) Dimethylphthalate	13.851	163	1651210	40.412	ng	100
51) 2,6-Dinitrotoluene	13.974	165	355694	42.046	ng	99
52) Acenaphthene	14.457	154	1203147	40.051	ng	100
53) 3-Nitroaniline	14.310	138	295920	36.639	ng	100
54) 2,4-Dinitrophenol	14.533	184	432668	79.924	ng	99
55) Dibenzofuran	14.792	168	2002230	40.060	ng	99
56) 4-Nitrophenol	14.657	139	522878	79.602	ng	99
57) 2,4-Dinitrotoluene	14.774	165	504155	43.129	ng	98
58) Fluorene	15.439	166	1650055	40.334	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	466353	40.700	ng	100
60) Diethylphthalate	15.215	149	1540645	40.017	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	904684	40.261	ng	98
62) 4-Nitroaniline	15.480	138	341411	43.814	ng	99
63) Azobenzene	15.727	77	1311714	40.653	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	284522	42.559	ng	98
66) n-Nitrosodiphenylamine	15.651	169	1389906	42.380	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	536414	41.533	ng	98
68) Hexachlorobenzene	16.451	284	617494	41.477	ng	98
69) Atrazine	16.609	200	497468	42.052	ng	99
70) Pentachlorophenol	16.804	266	779975	93.075	ng	100
71) Phenanthrene	17.180	178	2501885	41.533	ng	100
72) Anthracene	17.274	178	2551141	41.849	ng	99
73) Carbazole	17.551	167	2255638	42.641	ng	99
74) Di-n-butylphthalate	18.103	149	2617615	41.553	ng	100
75) Fluoranthene	19.203	202	2990675	42.287	ng	99
77) Benzidine	19.392	184	1843260	48.606	ng	99
78) Pyrene	19.568	202	3087294	41.180	ng	100
80) Butylbenzylphthalate	20.462	149	1166761	41.552	ng	98
81) Benzo(a)anthracene	21.362	228	3096912	42.124	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	939990	33.400	ng	99
83) Chrysene	21.427	228	2823801	41.500	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1719849	41.006	ng	100
85) Di-n-octyl phthalate	22.403	149	2905066	42.000	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	3671518	44.382	ng	100
88) Benzo(b)fluoranthene	23.427	252	3028371	41.944	ng	100
89) Benzo(k)fluoranthene	23.491	252	2949343	40.383	ng	100
90) Benzo(a)pyrene	24.232	252	2856618	42.243	ng	99
91) Dibenzo(a,h)anthracene	27.803	278	2992922	44.383	ng	99
92) Benzo(g,h,i)perylene	28.820	276	2848159	44.117	ng	99

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

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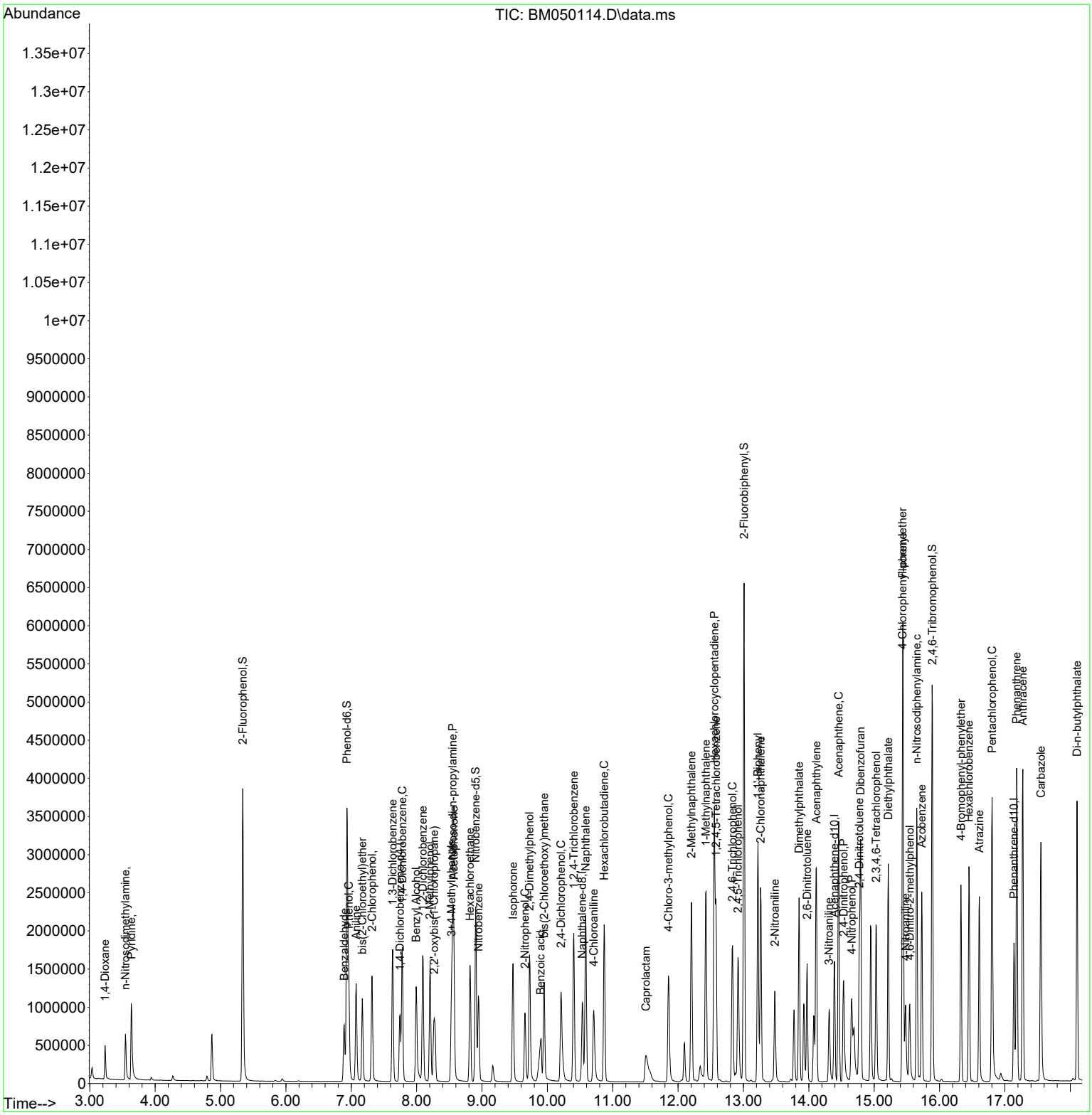

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