Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
Data File : BM050056.D
Acq On : 30 Apr 2025 22:36
Operator : RC/JU
Sample : PB167767BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167767BS

Quant Time: May 01 02:20:10 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	7.763	152	260866	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	920346	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	574035	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	1043099	20.000	ng		0.00
76) Chrysene-d12	21.391	240	1009737	20.000	ng		0.00
86) Perylene-d12	24.391	264	991820	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2098207	140.843	ng		0.00
7) Phenol-d6	6.951	99	2615518	139.686	ng		0.00
23) Nitrobenzene-d5	8.922	82	1533365	82.098	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	1137256	133.986	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	3983085	82.084	ng		0.00
79) Terphenyl-d14	19.780	244	5764733	84.481	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.251	88	237525	37.185	ng		98
3) Pyridine	3.651	79	678186	41.323	ng		98
4) n-Nitrosodimethylamine	3.563	42	305418	47.449	ng		98
6) Aniline	7.092	93	617055	26.098	ng		97
8) 2-Chlorophenol	7.334	128	751625	46.663	ng		97
9) Benzaldehyde	6.904	77	344655	27.506	ng		97
10) Phenol	6.975	94	928848	49.002	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	711509	44.953	ng		98
12) 1,3-Dichlorobenzene	7.651	146	854098	43.896	ng		99
13) 1,4-Dichlorobenzene	7.798	146	856737	43.829	ng		100
14) 1,2-Dichlorobenzene	8.116	146	826088	43.750	ng		99
15) Benzyl Alcohol	8.010	79	605258	46.612	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.286	45	893644	46.447	ng		99
17) 2-Methylphenol	8.222	107	589021	47.170	ng		99
18) Hexachloroethane	8.839	117	308862	44.449	ng		99
19) n-Nitroso-di-n-propyla...	8.569	70	549741	45.778	ng		98
20) 3+4-Methylphenols	8.551	107	790108	46.853	ng		97
22) Acetophenone	8.586	105	1063173	46.465	ng	#	98
24) Nitrobenzene	8.963	77	768278	47.573	ng		98
25) Isophorone	9.492	82	1411637	44.339	ng		98
26) 2-Nitrophenol	9.675	139	382022	46.304	ng		97
27) 2,4-Dimethylphenol	9.745	122	646030	47.217	ng		97
28) bis(2-Chloroethoxy)met...	9.969	93	898260	45.648	ng		99
29) 2,4-Dichlorophenol	10.222	162	719948	46.970	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	845617	45.281	ng		100
31) Naphthalene	10.604	128	2110306	45.277	ng		100
32) Benzoic acid	9.916	122	383214	43.793	ng		99
33) 4-Chloroaniline	10.733	127	249272	13.048	ng		97
34) Hexachlorobutadiene	10.892	225	531684	44.852	ng		99
35) Caprolactam	11.522	113	178963	40.044	ng		91
36) 4-Chloro-3-methylphenol	11.863	107	629705	44.467	ng		97
37) 2-Methylnaphthalene	12.221	142	1385260	44.330	ng		99
38) 1-Methylnaphthalene	12.439	142	1459600	44.137	ng		100
40) 1,2,4,5-Tetrachloroben...	12.592	216	951841	47.900	ng		98
41) Hexachlorocyclopentadiene	12.574	237	1333070	109.773	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	595553	47.252	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	645088	47.463	ng	98
46) 1,1'-Biphenyl	13.239	154	2001051	46.895	ng	99
47) 2-Chloronaphthalene	13.280	162	1578759	46.715	ng	100
48) 2-Nitroaniline	13.492	65	381610	48.111	ng	94
49) Acenaphthylene	14.127	152	2446083	45.906	ng	100
50) Dimethylphthalate	13.868	163	1848756	44.069	ng	99
51) 2,6-Dinitrotoluene	13.986	165	391102	45.028	ng	94
52) Acenaphthene	14.468	154	1428392	46.311	ng	99
53) 3-Nitroaniline	14.321	138	168224	20.286	ng	96
54) 2,4-Dinitrophenol	14.533	184	462686	83.005	ng	94
55) Dibenzofuran	14.810	168	2314511	45.103	ng	99
56) 4-Nitrophenol	14.657	139	591638	87.262	ng	95
57) 2,4-Dinitrotoluene	14.780	165	546027	45.495	ng	98
58) Fluorene	15.457	166	1957695	46.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	525931	44.704	ng	99
60) Diethylphthalate	15.233	149	1728526	43.728	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1073517	46.531	ng	100
62) 4-Nitroaniline	15.492	138	334232	41.776	ng	97
63) Azobenzene	15.745	77	1570210	47.397	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	296541	45.416	ng	94
66) n-Nitrosodiphenylamine	15.668	169	1568744	48.976	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	598749	47.467	ng	98
68) Hexachlorobenzene	16.462	284	687532	47.285	ng	99
69) Atrazine	16.621	200	535442	46.343	ng	100
70) Pentachlorophenol	16.815	266	898093	109.731	ng	99
71) Phenanthrene	17.198	178	2812828	47.811	ng	99
72) Anthracene	17.286	178	2854263	47.941	ng	99
73) Carbazole	17.562	167	2385066	46.165	ng	100
74) Di-n-butylphthalate	18.121	149	2828360	45.971	ng	100
75) Fluoranthene	19.215	202	3152095	45.635	ng	100
77) Benzidine	19.403	184	1014430	28.283	ng	100
78) Pyrene	19.574	202	3260859	45.988	ng	100
80) Butylbenzylphthalate	20.468	149	1187182	44.703	ng	91
81) Benzo(a)anthracene	21.374	228	3291107	47.331	ng	100
82) 3,3'-Dichlorobenzidine	21.297	252	595613	22.376	ng	99
83) Chrysene	21.439	228	3026421	47.027	ng	99
84) Bis(2-ethylhexyl)phtha...	21.291	149	1774890	44.744	ng	99
85) Di-n-octyl phthalate	22.421	149	2943736	44.999	ng	98
87) Indeno(1,2,3-cd)pyrene	27.785	276	3802462	51.452	ng	99
88) Benzo(b)fluoranthene	23.444	252	3072621	47.637	ng	99
89) Benzo(k)fluoranthene	23.503	252	3071354	47.074	ng	99
90) Benzo(a)pyrene	24.250	252	2881740	47.701	ng	99
91) Dibenzo(a,h)anthracene	27.826	278	3128406	51.930	ng	99
92) Benzo(g,h,i)perylene	28.838	276	2984145	51.741	ng	98

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

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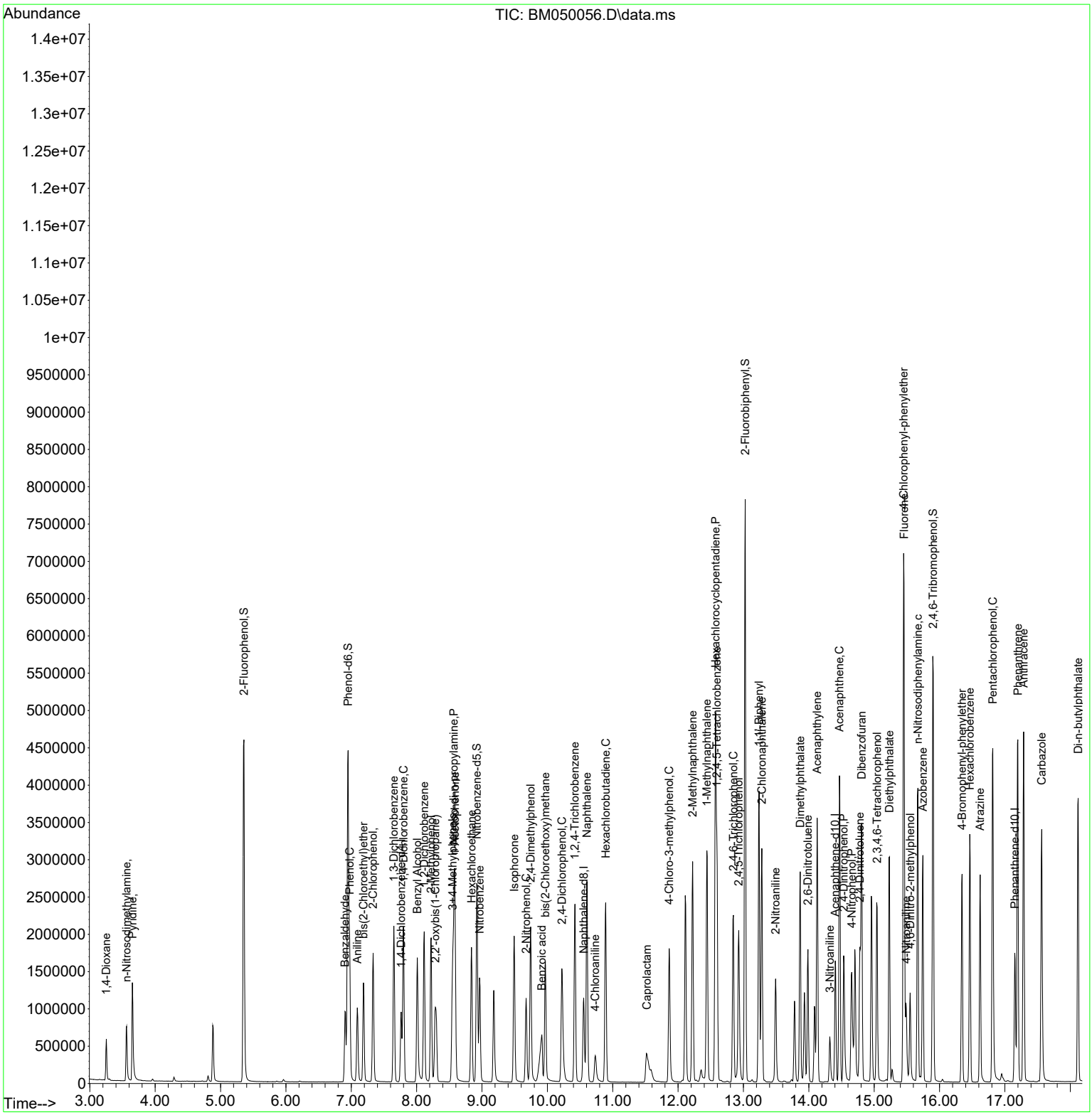

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