Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050282.D
Acq On : 11 Jun 2025 20:02
Operator : RC/JU
Sample : Q2262-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ARS20-0032MSD

Quant Time: Jun 12 02:55:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	426249	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1656086	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	962021	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1732540	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1630999	20.000	ng	-0.01
86) Perylene-d12	24.333	264	1766581	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3209903	125.621	ng	0.00
7) Phenol-d6	6.934	99	3767175	111.994	ng	0.00
23) Nitrobenzene-d5	8.916	82	2802069	87.997	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1602285	146.430	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5985627	84.236	ng	0.00
79) Terphenyl-d14	19.762	244	7612920	88.453	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	408855	36.503	ng	98
3) Pyridine	3.681	79	1098257	37.863	ng	99
4) n-Nitrosodimethylamine	3.581	42	267991	44.680	ng	92
6) Aniline	7.092	93	1195452	26.884	ng	100
8) 2-Chlorophenol	7.334	128	1347040	47.927	ng	99
9) Benzaldehyde	6.904	77	491794	22.996	ng	99
10) Phenol	6.963	94	1442613	40.534	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	1366721	47.743	ng	99
12) 1,3-Dichlorobenzene	7.657	146	1392160	44.306	ng	100
13) 1,4-Dichlorobenzene	7.798	146	1441709	44.099	ng	100
14) 1,2-Dichlorobenzene	8.116	146	1396061	44.795	ng	99
15) Benzyl Alcohol	8.004	79	1145606	47.751	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	949191	47.731	ng	99
17) 2-Methylphenol	8.204	107	1095501	46.651	ng	98
18) Hexachloroethane	8.845	117	533338	45.048	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	981685	47.691	ng	99
20) 3+4-Methylphenols	8.534	107	1441125	45.869	ng	99
22) Acetophenone	8.581	105	2020483	48.835	ng	99
24) Nitrobenzene	8.957	77	1455364	50.254	ng	100
25) Isophorone	9.486	82	2744229	49.931	ng	100
26) 2-Nitrophenol	9.669	139	657319	52.581	ng	99
27) 2,4-Dimethylphenol	9.733	122	1262564	49.154	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	1812743	50.488	ng	99
29) 2,4-Dichlorophenol	10.198	162	1242582	52.277	ng	98
30) 1,2,4-Trichlorobenzene	10.416	180	1298922	49.108	ng	99
31) Naphthalene	10.604	128	4184727	48.874	ng	100
32) Benzoic acid	9.851	122	613369	37.998	ng	98
33) 4-Chloroaniline	10.710	127	444716	12.183	ng	99
34) Hexachlorobutadiene	10.898	225	767819	48.803	ng	99
35) Caprolactam	11.486	113	292596	38.828	ng	96
36) 4-Chloro-3-methylphenol	11.833	107	1271539	50.133	ng	100
37) 2-Methylnaphthalene	12.216	142	2602795	50.389	ng	99
38) 1-Methylnaphthalene	12.433	142	2720090	49.615	ng	100
40) 1,2,4,5-Tetrachloroben...	12.586	216	1410949	50.791	ng	99
41) Hexachlorocyclopentadiene	12.574	237	1654385	98.064	ng	98
43) 2,4,6-Trichlorophenol	12.822	196	962110	52.666	ng	98

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44) 2,4,5-Trichlorophenol	12.892	196	1064817	53.089	ng	98
46) 1,1'-Biphenyl	13.233	154	3610425	50.120	ng	99
47) 2-Chloronaphthalene	13.269	162	2783712	49.707	ng	100
48) 2-Nitroaniline	13.469	65	705117	57.214	ng	100
49) Acenaphthylene	14.116	152	4534055	50.055	ng	100
50) Dimethylphthalate	13.857	163	3348601	51.468	ng	100
51) 2,6-Dinitrotoluene	13.969	165	721633	55.000	ng	99
52) Acenaphthene	14.463	154	2982292m	52.638	ng	
53) 3-Nitroaniline	14.292	138	629839	43.072	ng	99
54) 2,4-Dinitrophenol	14.498	184	589758	75.764	ng	91
55) Dibenzofuran	14.792	168	4177490	50.399	ng	99
56) 4-Nitrophenol	14.604	139	1186660	95.343	ng	98
57) 2,4-Dinitrotoluene	14.751	165	989545	57.173	ng	100
58) Fluorene	15.445	166	3195447	50.333	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.015	232	902223	51.991	ng	93
60) Diethylphthalate	15.227	149	3341515	51.763	ng	98
61) 4-Chlorophenyl-phenyle...	15.439	204	1578907	51.459	ng	98
62) 4-Nitroaniline	15.457	138	739103	53.927	ng	98
63) Azobenzene	15.733	77	3275968	50.772	ng	99
65) 4,6-Dinitro-2-methylph...	15.515	198	453381	47.912	ng	98
66) n-Nitrosodiphenylamine	15.651	169	2867339	52.672	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	999973	54.124	ng	97
68) Hexachlorobenzene	16.445	284	1156890	53.594	ng	96
69) Atrazine	16.604	200	964181	55.587	ng	99
70) Pentachlorophenol	16.786	266	1514137	107.889	ng	99
71) Phenanthrene	17.174	178	5005231	50.571	ng	99
72) Anthracene	17.268	178	5062533	51.130	ng	100
73) Carbazole	17.533	167	4587470	50.857	ng	99
74) Di-n-butylphthalate	18.109	149	5492575	55.962	ng	100
75) Fluoranthene	19.192	202	5412522	51.856	ng	99
77) Benzidine	19.374	184	2347379	51.180	ng	100
78) Pyrene	19.550	202	5644253	51.344	ng	99
80) Butylbenzylphthalate	20.462	149	2197120	59.918	ng	98
81) Benzo(a)anthracene	21.344	228	5337943	51.707	ng	100
82) 3,3'-Dichlorobenzidine	21.268	252	1247674	39.632	ng	99
83) Chrysene	21.409	228	5090634	51.840	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	3363446	59.549	ng	100
85) Di-n-octyl phthalate	22.421	149	5420515	64.674	ng	100
87) Indeno(1,2,3-cd)pyrene	27.691	276	6686247	58.782	ng	100
88) Benzo(b)fluoranthene	23.403	252	5441573	52.980	ng	99
89) Benzo(k)fluoranthene	23.462	252	5481028	52.274	ng	99
90) Benzo(a)pyrene	24.197	252	5225589	54.112	ng	99
91) Dibenzo(a,h)anthracene	27.756	278	5439587	58.916	ng	99
92) Benzo(g,h,i)perylene	28.738	276	5451723	58.996	ng	99

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

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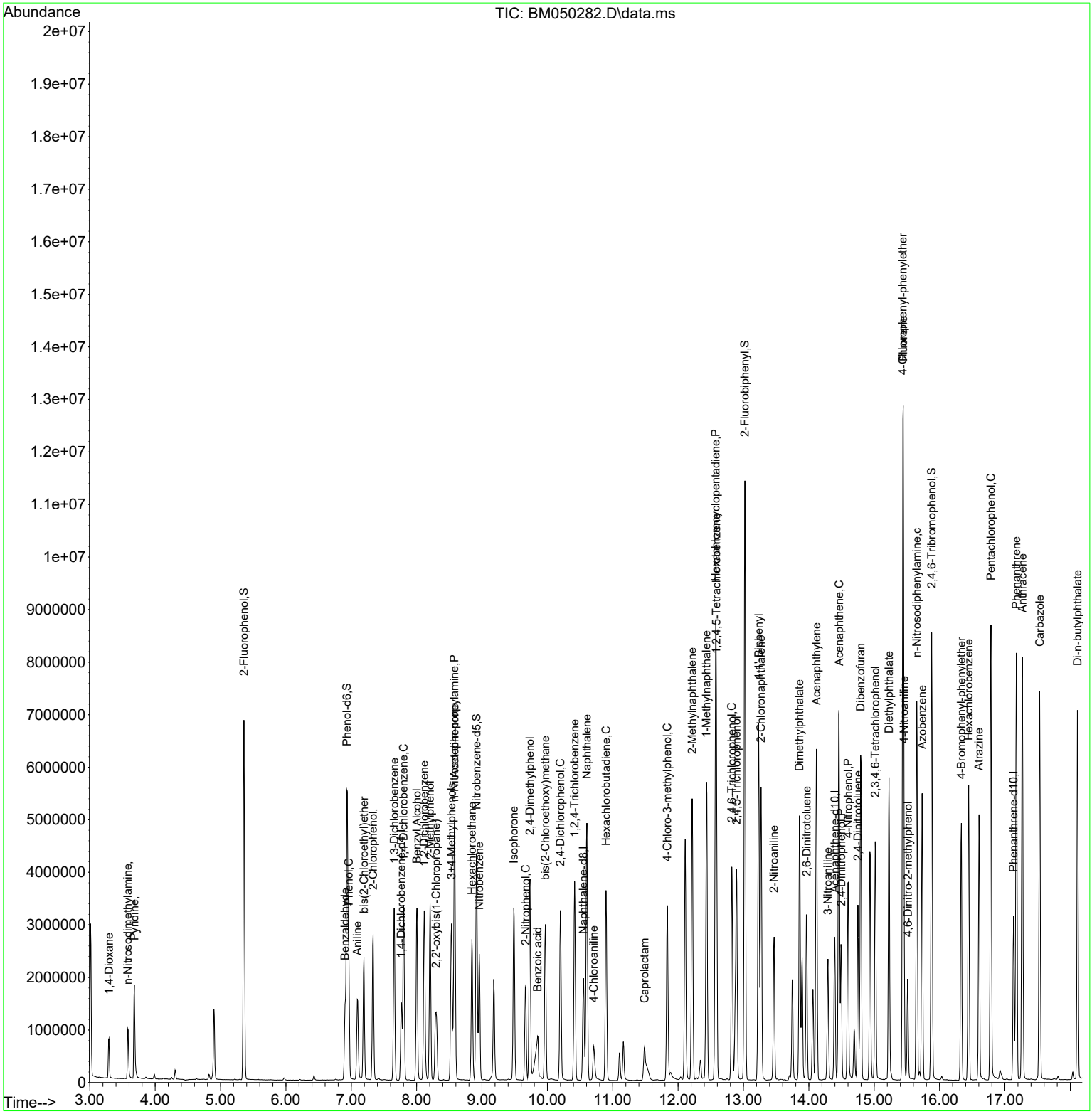

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