Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050014.D
Acq On : 23 Apr 2025 15:16
Operator : RC/JU
Sample : Q1852-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 23 16:11:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
72-12013MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	270803	20.000	ng		-0.02
21) Naphthalene-d8	10.557	136	919060	20.000	ng		-0.02
39) Acenaphthene-d10	14.410	164	576233	20.000	ng		-0.01
64) Phenanthrene-d10	17.157	188	1111719	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1219355	20.000	ng		0.00
86) Perylene-d12	24.403	264	1284687	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1556338	97.590	ng		0.00
7) Phenol-d6	6.952	99	1924323	96.983	ng		0.00
23) Nitrobenzene-d5	8.922	82	1131619	68.564	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	891584	106.375	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	2707705	63.719	ng		-0.02
79) Terphenyl-d14	19.780	244	4108760	63.148	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	242569	36.933	ng		99
3) Pyridine	3.652	79	671063	38.889	ng		99
4) n-Nitrosodimethylamine	3.558	42	285346	43.452	ng		97
6) Aniline	7.093	93	407327	23.958	ng		100
8) 2-Chlorophenol	7.334	128	737994	45.156	ng		99
9) Benzaldehyde	6.905	77	364941	35.841	ng		98
10) Phenol	6.975	94	871077	44.987	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	693552	45.676	ng		99
12) 1,3-Dichlorobenzene	7.652	146	863101	44.669	ng		99
13) 1,4-Dichlorobenzene	7.799	146	865444	44.514	ng		98
14) 1,2-Dichlorobenzene	8.116	146	835026	45.599	ng		98
15) Benzyl Alcohol	8.010	79	574377	45.971	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	812956	48.035	ng		100
17) 2-Methylphenol	8.222	107	559369	46.879	ng		99
18) Hexachloroethane	8.840	117	303265	44.835	ng		96
19) n-Nitroso-di-n-propyla...	8.569	70	495907	45.126	ng		99
20) 3+4-Methylphenols	8.551	107	742289	45.630	ng		99
22) Acetophenone	8.587	105	992832	44.450	ng	#	98
24) Nitrobenzene	8.963	77	718816	45.230	ng		98
25) Isophorone	9.493	82	1331485	48.158	ng		100
26) 2-Nitrophenol	9.675	139	380169	45.133	ng		99
27) 2,4-Dimethylphenol	9.746	122	614402	64.363	ng		98
28) bis(2-Chloroethoxy)met...	9.969	93	834864	45.103	ng		98
29) 2,4-Dichlorophenol	10.222	162	704612	44.405	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	838235	45.664	ng		100
31) Naphthalene	10.604	128	2046492	43.335	ng		100
32) Benzoic acid	9.910	122	460222m	40.515	ng		
33) 4-Chloroaniline	10.728	127	231030	13.854	ng		98
34) Hexachlorobutadiene	10.893	225	537419	47.330	ng		99
35) Caprolactam	11.516	113	192849	42.375	ng		96
36) 4-Chloro-3-methylphenol	11.869	107	609438	43.847	ng		98
37) 2-Methylnaphthalene	12.222	142	1317219	39.588	ng		100
38) 1-Methylnaphthalene	12.445	142	1381472	42.617	ng		99
40) 1,2,4,5-Tetrachloroben...	12.598	216	927904	46.028	ng		99
41) Hexachlorocyclopentadiene	12.575	237	905237	128.149	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	596596	46.507	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	638670	45.814	ng	100
46) 1,1'-Biphenyl	13.239	154	1912166	44.640	ng	100
47) 2-Chloronaphthalene	13.281	162	1520531	45.163	ng	99
48) 2-Nitroaniline	13.492	65	366638	47.072	ng	96
49) Acenaphthylene	14.128	152	2362755	48.178	ng	99
50) Dimethylphthalate	13.869	163	1794372	44.139	ng	99
51) 2,6-Dinitrotoluene	13.986	165	393074	46.150	ng	99
52) Acenaphthene	14.475	154	1368281	43.862	ng	99
53) 3-Nitroaniline	14.322	138	176879	21.487	ng	96
54) 2,4-Dinitrophenol	14.539	184	259414	45.484	ng	98
55) Dibenzofuran	14.810	168	2238964	42.934	ng	99
56) 4-Nitrophenol	14.663	139	660843	90.085	ng	99
57) 2,4-Dinitrotoluene	14.786	165	552838	48.654	ng	94
58) Fluorene	15.457	166	1839953	44.387	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.045	232	544449	44.560	ng	98
60) Diethylphthalate	15.233	149	1748483	44.850	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1004403	45.194	ng	100
62) 4-Nitroaniline	15.486	138	357323	41.974	ng	97
63) Azobenzene	15.745	77	1667726	49.966	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	212409	30.320	ng	96
66) n-Nitrosodiphenylamine	15.669	169	1537908	46.226	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	606925	47.028	ng	97
68) Hexachlorobenzene	16.469	284	696413	47.045	ng	99
69) Atrazine	16.622	200	563607	65.337	ng	99
70) Pentachlorophenol	16.816	266	987653	90.624	ng	99
71) Phenanthrene	17.198	178	2829185	46.419	ng	100
72) Anthracene	17.286	178	2900234	48.286	ng	99
73) Carbazole	17.563	167	2619834	46.309	ng	100
74) Di-n-butylphthalate	18.121	149	3014992	46.270	ng	99
75) Fluoranthene	19.215	202	3536949	47.198	ng	99
77) Benzidine	19.404	184	1402740	86.715	ng	100
78) Pyrene	19.580	202	3715192	44.210	ng	99
80) Butylbenzylphthalate	20.474	149	1375415	43.558	ng	99
81) Benzo(a)anthracene	21.380	228	3893781	48.049	ng	100
82) 3,3'-Dichlorobenzidine	21.304	252	814630	26.619	ng	100
83) Chrysene	21.445	228	3590117	46.599	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2022532	43.962	ng	99
85) Di-n-octyl phthalate	22.427	149	3412440	42.399	ng	100
87) Indeno(1,2,3-cd)pyrene	27.803	276	4536229	47.370	ng	99
88) Benzo(b)fluoranthene	23.456	252	3839997	46.802	ng	99
89) Benzo(k)fluoranthene	23.515	252	3781835	47.564	ng	100
90) Benzo(a)pyrene	24.262	252	3584913	49.723	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	3693540	46.826	ng	99
92) Benzo(g,h,i)perylene	28.856	276	3499678	43.419	ng	99

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

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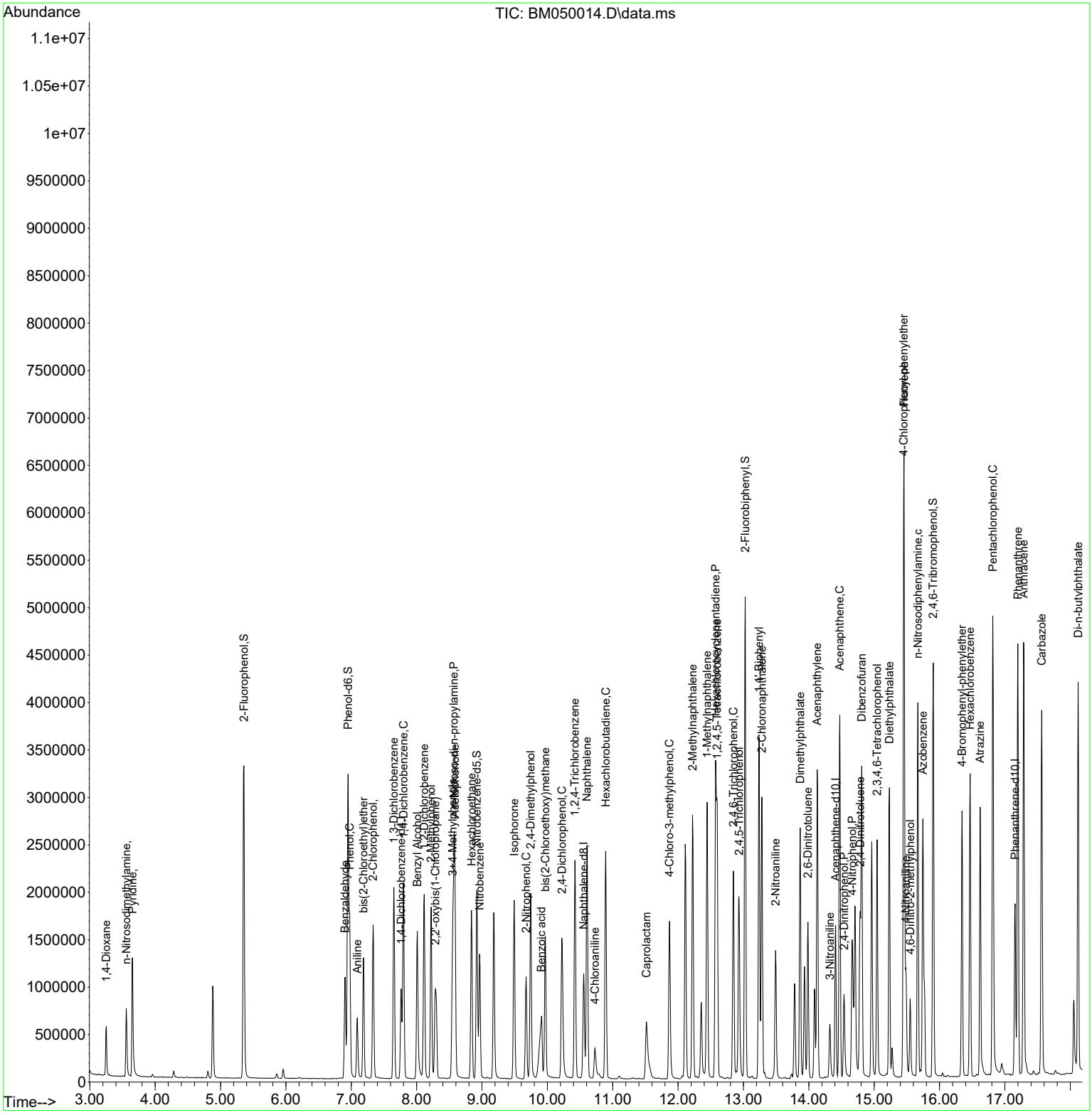

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