Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049881.D
Acq On : 10 Apr 2025 12:52
Operator : RC/JU
Sample : Q1753-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2MSD

Quant Time: Apr 10 13:34:42 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	267029	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	952171	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	626793	20.000	ng		0.00
64) Phenanthrene-d10	17.162	188	1264616	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1257038	20.000	ng		0.00
86) Perylene-d12	24.397	264	1319186	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	2096436	133.315	ng		0.00
7) Phenol-d6	6.951	99	2612161	133.510	ng		0.00
23) Nitrobenzene-d5	8.934	82	1496066	87.494	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1310505	143.744	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	3998926	86.513	ng		0.00
79) Terphenyl-d14	19.786	244	6334722	94.441	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	301275	46.520	ng		99
3) Pyridine	3.657	79	814952	47.895	ng		98
4) n-Nitrosodimethylamine	3.563	42	320613	49.512	ng		98
6) Aniline	7.104	93	486622	29.026	ng		100
8) 2-Chlorophenol	7.345	128	853549	52.964	ng		98
9) Benzaldehyde	6.916	77	478189	47.627	ng		98
10) Phenol	6.981	94	1048887	54.936	ng		98
11) bis(2-Chloroethyl)ether	7.198	93	775715	51.809	ng		100
12) 1,3-Dichlorobenzene	7.663	146	967039	50.755	ng		98
13) 1,4-Dichlorobenzene	7.810	146	972414	50.723	ng		99
14) 1,2-Dichlorobenzene	8.128	146	934113	51.731	ng		99
15) Benzyl Alcohol	8.016	79	681483	55.314	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	892291	53.468	ng		98
17) 2-Methylphenol	8.228	107	665024	56.521	ng		99
18) Hexachloroethane	8.857	117	338292	50.720	ng		98
19) n-Nitroso-di-n-propyla...	8.581	70	576116	53.165	ng		99
20) 3+4-Methylphenols	8.551	107	904454	56.384	ng		99
22) Acetophenone	8.598	105	1156670	49.984	ng	#	99
24) Nitrobenzene	8.975	77	821816	49.913	ng		98
25) Isophorone	9.504	82	1562111	54.534	ng		99
26) 2-Nitrophenol	9.686	139	442361	50.691	ng		98
27) 2,4-Dimethylphenol	9.751	122	743103	75.138	ng		99
28) bis(2-Chloroethoxy)met...	9.981	93	989430	51.595	ng		98
29) 2,4-Dichlorophenol	10.222	162	865337	52.638	ng		100
30) 1,2,4-Trichlorobenzene	10.433	180	938746	49.361	ng		99
31) Naphthalene	10.622	128	2375324	48.549	ng		99
32) Benzoic acid	9.892	122	589677m	48.085	ng		
33) 4-Chloroaniline	10.728	127	222462	12.877	ng		100
34) Hexachlorobutadiene	10.910	225	587633	49.952	ng		99
35) Caprolactam	11.510	113	241928	51.310	ng		99
36) 4-Chloro-3-methylphenol	11.863	107	771329	53.564	ng		99
37) 2-Methylnaphthalene	12.233	142	1573594	45.649	ng		100
38) 1-Methylnaphthalene	12.457	142	1658641	49.389	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1093535	49.869	ng		99
41) Hexachlorocyclopentadiene	12.592	237	1470881	191.427	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	733632	52.576	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	810406	53.444	ng	98
46) 1,1'-Biphenyl	13.251	154	2327089	49.944	ng	99
47) 2-Chloronaphthalene	13.292	162	1825109	49.836	ng	99
48) 2-Nitroaniline	13.492	65	457504	54.000	ng	97
49) Acenaphthylene	14.139	152	2943996	55.187	ng	100
50) Dimethylphthalate	13.874	163	2273524	51.415	ng	99
51) 2,6-Dinitrotoluene	13.992	165	491471	53.049	ng	98
52) Acenaphthene	14.486	154	1702466	50.173	ng	99
53) 3-Nitroaniline	14.321	138	150752	16.836	ng	95
54) 2,4-Dinitrophenol	14.527	184	665164	97.413	ng	97
55) Dibenzofuran	14.816	168	2785150	49.099	ng	100
56) 4-Nitrophenol	14.639	139	916444	114.851	ng	99
57) 2,4-Dinitrotoluene	14.780	165	695784	56.295	ng	99
58) Fluorene	15.468	166	2355785	52.247	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	684074	51.471	ng	99
60) Diethylphthalate	15.245	149	2130022	50.230	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1273384	52.676	ng	99
62) 4-Nitroaniline	15.486	138	465213	50.239	ng	99
63) Azobenzene	15.757	77	2001502	55.129	ng	97
65) 4,6-Dinitro-2-methylph...	15.545	198	416735	52.294	ng	98
66) n-Nitrosodiphenylamine	15.674	169	1971029	52.081	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	756218	51.511	ng	96
68) Hexachlorobenzene	16.474	284	869759	51.651	ng	98
69) Atrazine	16.627	200	734468	74.850	ng	99
70) Pentachlorophenol	16.815	266	1280050	103.252	ng	99
71) Phenanthrene	17.204	178	3617708	52.180	ng	100
72) Anthracene	17.292	178	3692888	54.049	ng	100
73) Carbazole	17.562	167	3374874	52.443	ng	100
74) Di-n-butylphthalate	18.127	149	3739209	50.446	ng	100
75) Fluoranthene	19.221	202	4371639	51.283	ng	99
77) Benzidine	19.403	184	1795060	107.641	ng	100
78) Pyrene	19.580	202	4525763	52.241	ng	99
80) Butylbenzylphthalate	20.480	149	1660532	51.011	ng	99
81) Benzo(a)anthracene	21.380	228	4455812	53.336	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	596539	18.908	ng	99
83) Chrysene	21.444	228	4098823	51.607	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2346018	49.465	ng	100
85) Di-n-octyl phthalate	22.439	149	3935512	47.432	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	5323495	54.137	ng	99
88) Benzo(b)fluoranthene	23.450	252	4272300	50.709	ng	99
89) Benzo(k)fluoranthene	23.515	252	4289681	52.540	ng	99
90) Benzo(a)pyrene	24.256	252	4045693	54.646	ng	100
91) Dibenzo(a,h)anthracene	27.832	278	4331580	53.479	ng	100
92) Benzo(g,h,i)perylene	28.838	276	4240662	51.236	ng	99

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

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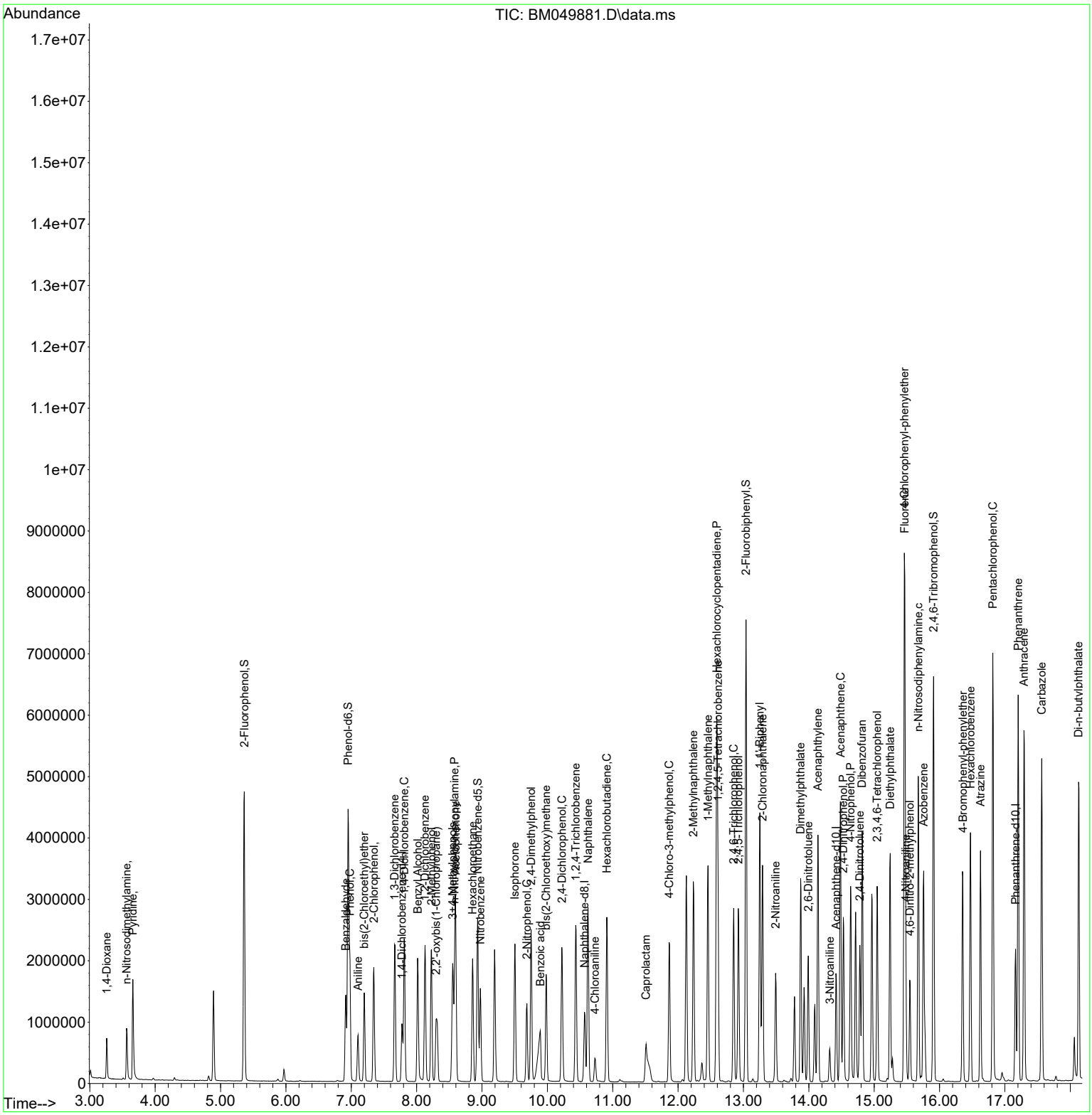

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