Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049710.D
Acq On : 13 Mar 2025 11:39
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Mar 13 14:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	306869	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1035933	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	623426	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1179542	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1198251	20.000	ng	0.00
86) Perylene-d12	24.439	264	1136335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1443630	79.378	ng	0.00
7) Phenol-d6	6.981	99	1804713	79.073	ng	0.00
23) Nitrobenzene-d5	8.963	82	1595818	79.090	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	624211	85.746	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3957740	79.506	ng	0.00
79) Terphenyl-d14	19.810	244	5787036	81.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	304783	38.713	ng	100
3) Pyridine	3.687	79	797353	39.607	ng	100
4) n-Nitrosodimethylamine	3.593	42	346864	38.989	ng	100
6) Aniline	7.134	93	749171	39.180	ng	100
8) 2-Chlorophenol	7.375	128	704524	39.119	ng	100
9) Benzaldehyde	6.946	77	419230	37.156	ng	100
10) Phenol	7.005	94	859475	38.837	ng	100
11) bis(2-Chloroethyl)ether	7.228	93	688676	38.429	ng	100
12) 1,3-Dichlorobenzene	7.699	146	838709	38.320	ng	100
13) 1,4-Dichlorobenzene	7.840	146	853391	38.649	ng	100
14) 1,2-Dichlorobenzene	8.158	146	816305	38.900	ng	100
15) Benzyl Alcohol	8.046	79	570190	39.810	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.340	45	812183	38.560	ng	100
17) 2-Methylphenol	8.252	107	519545	39.543	ng	100
18) Hexachloroethane	8.887	117	306470	39.304	ng	100
19) n-Nitroso-di-n-propyla...	8.616	70	532286	40.220	ng	100
20) 3+4-Methylphenols	8.581	107	698917	39.694	ng	100
22) Acetophenone	8.628	105	1049385	39.287	ng	100
24) Nitrobenzene	9.005	77	745329	39.175	ng	100
25) Isophorone	9.534	82	1223198	39.484	ng	100
26) 2-Nitrophenol	9.716	139	326569	40.328	ng	100
27) 2,4-Dimethylphenol	9.781	122	407285	39.514	ng	100
28) bis(2-Chloroethoxy)met...	10.016	93	843433	38.655	ng	100
29) 2,4-Dichlorophenol	10.251	162	668537	39.804	ng	100
30) 1,2,4-Trichlorobenzene	10.463	180	809518	38.523	ng	100
31) Naphthalene	10.651	128	2067950	38.821	ng	100
32) Benzoic acid	9.910	122	339891	38.761	ng	100
33) 4-Chloroaniline	10.757	127	724131	39.833	ng	100
34) Hexachlorobutadiene	10.946	225	502566	38.741	ng	100
35) Caprolactam	11.540	113	162546	41.684	ng	100
36) 4-Chloro-3-methylphenol	11.893	107	581269	40.328	ng	100
37) 2-Methylnaphthalene	12.269	142	1458607	39.160	ng	100
38) 1-Methylnaphthalene	12.487	142	1397474	38.887	ng	100
40) 1,2,4,5-Tetrachloroben...	12.634	216	898103	39.219	ng	100
41) Hexachlorocyclopentadiene	12.622	237	343127	40.446	ng	100
43) 2,4,6-Trichlorophenol	12.875	196	521138	40.633	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	571159	40.810	ng	100
46) 1,1'-Biphenyl	13.281	154	1898343	39.509	ng	100
47) 2-Chloronaphthalene	13.322	162	1468019	39.253	ng	100
48) 2-Nitroaniline	13.522	65	349344	41.611	ng	100
49) Acenaphthylene	14.169	152	2084102	39.868	ng	100
50) Dimethylphthalate	13.904	163	1707639	39.784	ng	100
51) 2,6-Dinitrotoluene	14.016	165	349837	40.677	ng	100
52) Acenaphthene	14.510	154	1373000	40.091	ng	100
53) 3-Nitroaniline	14.345	138	340625	41.620	ng	100
54) 2,4-Dinitrophenol	14.545	184	164715	39.242	ng	100
55) Dibenzofuran	14.845	168	2233364	39.088	ng	100
56) 4-Nitrophenol	14.657	139	290397	40.763	ng	100
57) 2,4-Dinitrotoluene	14.804	165	462604	41.801	ng	100
58) Fluorene	15.492	166	1868135	40.158	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.069	232	479751	40.950	ng	100
60) Diethylphthalate	15.269	149	1619118	40.052	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	1020109	40.157	ng	100
62) 4-Nitroaniline	15.504	138	372286	38.997	ng	100
63) Azobenzene	15.781	77	1551742	40.187	ng	100
65) 4,6-Dinitro-2-methylph...	15.569	198	235447	39.014	ng	100
66) n-Nitrosodiphenylamine	15.704	169	1414490	39.580	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	532750	39.119	ng	100
68) Hexachlorobenzene	16.498	284	592070	38.661	ng	100
69) Atrazine	16.651	200	302291	38.381	ng	100
70) Pentachlorophenol	16.839	266	380031	39.488	ng	100
71) Phenanthrene	17.227	178	2579008	39.376	ng	100
72) Anthracene	17.322	178	2514440	39.641	ng	100
73) Carbazole	17.586	167	2338547	40.709	ng	100
74) Di-n-butylphthalate	18.163	149	2552958	40.548	ng	100
75) Fluoranthene	19.245	202	3065801	40.657	ng	100
77) Benzidine	19.427	184	504419	35.039	ng	100
78) Pyrene	19.604	202	3182324	38.013	ng	100
80) Butylbenzylphthalate	20.510	149	1035949	39.874	ng	100
81) Benzo(a)anthracene	21.410	228	3132766	39.142	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	985353	37.814	ng	100
83) Chrysene	21.468	228	2977456	39.245	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1624965	40.133	ng	100
85) Di-n-octyl phthalate	22.480	149	2419176	38.441	ng	100
87) Indeno(1,2,3-cd)pyrene	27.844	276	3252652	39.769	ng	100
88) Benzo(b)fluoranthene	23.492	252	3021800	39.482	ng	100
89) Benzo(k)fluoranthene	23.551	252	2934888	38.970	ng	100
90) Benzo(a)pyrene	24.298	252	2545218	39.591	ng	100
91) Dibenzo(a,h)anthracene	27.903	278	2700706	39.633	ng	100
92) Benzo(g,h,i)perylene	28.903	276	2735035	39.847	ng	100

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

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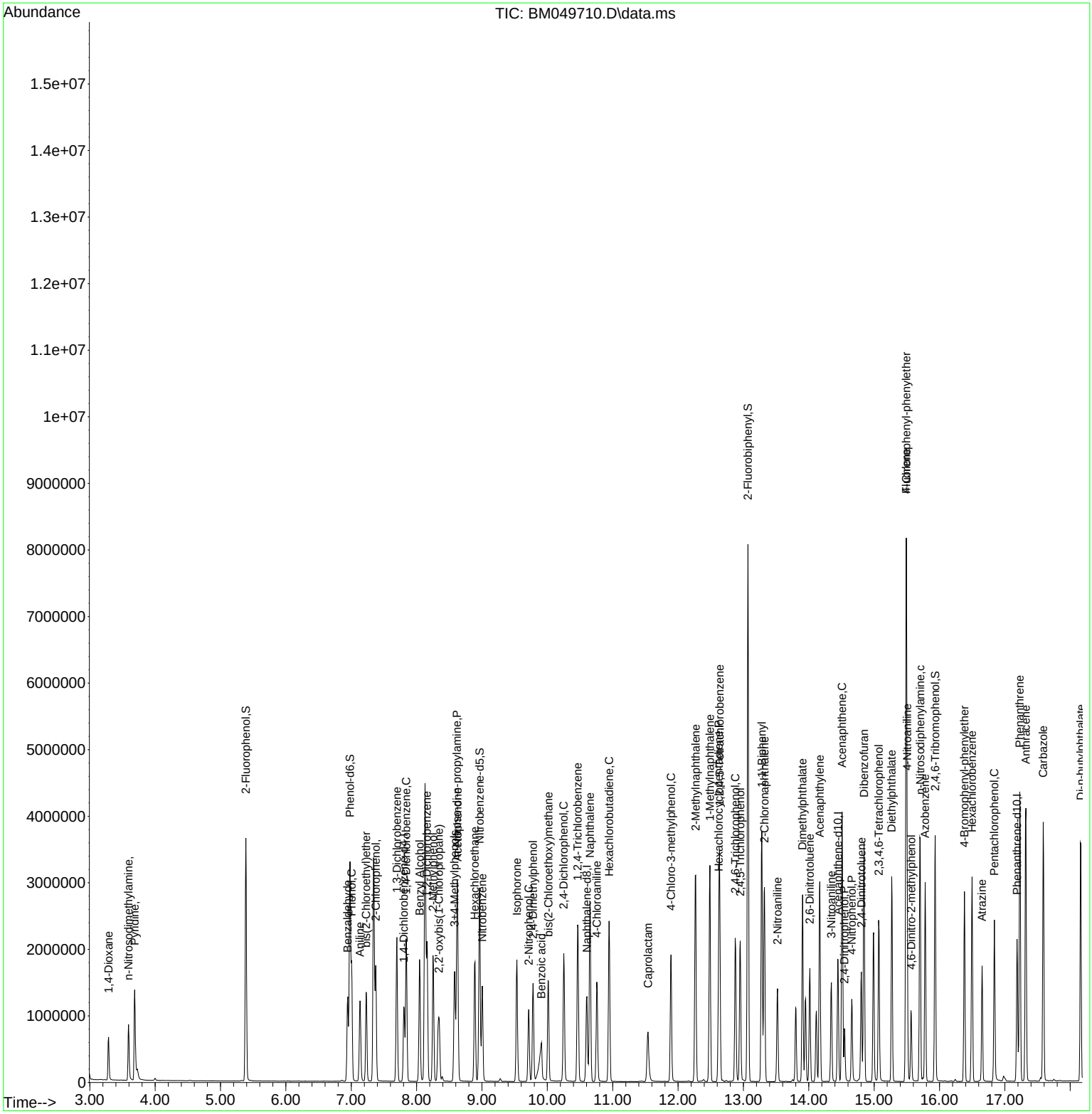

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