Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049831.D
Acq On : 04 Apr 2025 19:56
Operator : RC/JU
Sample : Q1694-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18MS

Quant Time: Apr 04 22:57:18 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 14:55:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	356782	20.000	ng		-0.01
21) Naphthalene-d8	10.586	136	1294303	20.000	ng		-0.02
39) Acenaphthene-d10	14.433	164	862231	20.000	ng		-0.01
64) Phenanthrene-d10	17.174	188	1735840	20.000	ng		-0.01
76) Chrysene-d12	21.415	240	1721481	20.000	ng		-0.01
86) Perylene-d12	24.421	264	1866539	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2131663	100.813	ng		-0.01
7) Phenol-d6	6.969	99	2740294	103.268	ng		-0.01
23) Nitrobenzene-d5	8.945	82	1588023	62.993	ng		-0.02
42) 2,4,6-Tribromophenol	15.921	330	1411590	140.202	ng		-0.01
45) 2-Fluorobiphenyl	13.057	172	4344581	63.104	ng		-0.01
79) Terphenyl-d14	19.798	244	7051205	69.023	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	327074	35.732	ng		96
3) Pyridine	3.669	79	905148	38.720	ng		98
4) n-Nitrosodimethylamine	3.575	42	369701	35.742	ng		89
6) Aniline	7.116	93	1180028	53.080	ng		97
8) 2-Chlorophenol	7.357	128	1045795	49.944	ng		97
9) Benzaldehyde	6.928	77	602975	45.965	ng		95
10) Phenol	6.992	94	1255026	48.777	ng		95
11) bis(2-Chloroethyl)ether	7.210	93	928576	44.566	ng		97
12) 1,3-Dichlorobenzene	7.681	146	1191597	46.827	ng		97
13) 1,4-Dichlorobenzene	7.828	146	1200257	46.754	ng		98
14) 1,2-Dichlorobenzene	8.139	146	1164321	47.723	ng		99
15) Benzyl Alcohol	8.028	79	844425	50.709	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1096453	44.774	ng		98
17) 2-Methylphenol	8.239	107	813160	53.232	ng		96
18) Hexachloroethane	8.869	117	379254	41.834	ng		89
19) n-Nitroso-di-n-propyla...	8.598	70	710167	46.154	ng		96
20) 3+4-Methylphenols	8.563	107	1111107	54.276	ng		95
22) Acetophenone	8.610	105	1422024	42.610	ng		97
24) Nitrobenzene	8.986	77	1020526	42.932	ng		95
25) Isophorone	9.516	82	1950869	50.402	ng		98
26) 2-Nitrophenol	9.698	139	540494	53.422	ng		96
27) 2,4-Dimethylphenol	9.769	122	887210	68.892	ng		96
28) bis(2-Chloroethoxy)met...	9.998	93	1219253	44.725	ng		98
29) 2,4-Dichlorophenol	10.239	162	1083945	51.654	ng		97
30) 1,2,4-Trichlorobenzene	10.451	180	1231870	46.920	ng		99
31) Naphthalene	10.639	128	3041164	45.695	ng		99
32) Benzoic acid	9.916	122	699773	63.892	ng		96
33) 4-Chloroaniline	10.745	127	856792	37.722	ng		97
34) Hexachlorobutadiene	10.928	225	764172	47.148	ng		99
35) Caprolactam	11.528	113	296534	60.865	ng	#	87
36) 4-Chloro-3-methylphenol	11.880	107	950287	52.769	ng		97
37) 2-Methylnaphthalene	12.251	142	2045877	43.962	ng		98
38) 1-Methylnaphthalene	12.475	142	2129077	47.419	ng		98
40) 1,2,4,5-Tetrachloroben...	12.622	216	1428498	45.104	ng		98
41) Hexachlorocyclopentadiene	12.604	237	575323	49.034	ng		98
43) 2,4,6-Trichlorophenol	12.863	196	937302	52.841	ng		97

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44) 2,4,5-Trichlorophenol	12.939	196	1020135	52.702	ng		97
46) 1,1'-Biphenyl	13.269	154	2987687	44.959	ng		98
47) 2-Chloronaphthalene	13.310	162	2383788	46.086	ng		100
48) 2-Nitroaniline	13.510	65	577604	49.744	ng		88
49) Acenaphthylene	14.157	152	3769193	52.133	ng		99
50) Dimethylphthalate	13.892	163	2800425	47.174	ng		100
51) 2,6-Dinitrotoluene	14.010	165	601714	50.586	ng	#	86
52) Acenaphthene	14.498	154	2182044	46.011	ng		98
53) 3-Nitroaniline	14.333	138	447415	39.527	ng		98
54) 2,4-Dinitrophenol	14.545	184	308689	49.273	ng		91
55) Dibenzofuran	14.833	168	3584928	45.365	ng		97
56) 4-Nitrophenol	14.657	139	1123672	114.046	ng		88
57) 2,4-Dinitrotoluene	14.798	165	850613	55.574	ng		92
58) Fluorene	15.480	166	3001109	46.645	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	871198	53.768	ng		97
60) Diethylphthalate	15.257	149	2672859	47.806	ng		97
61) 4-Chlorophenyl-phenyle...	15.474	204	1639431	46.663	ng		98
62) 4-Nitroaniline	15.498	138	572410	42.933	ng		91
63) Azobenzene	15.768	77	2601003	48.704	ng		94
65) 4,6-Dinitro-2-methylph...	15.563	198	226523	27.920	ng		97
66) n-Nitrosodiphenylamine	15.692	169	2516077	47.841	ng		98
67) 4-Bromophenyl-phenylether	16.368	248	999084	49.851	ng		97
68) Hexachlorobenzene	16.492	284	1133078	50.276	ng		95
69) Atrazine	16.645	200	925169	79.821	ng		99
70) Pentachlorophenol	16.833	266	1588260	112.143	ng		98
71) Phenanthrene	17.221	178	4636151	48.099	ng		100
72) Anthracene	17.309	178	4759687	50.990	ng		100
73) Carbazole	17.580	167	4282604	50.659	ng		99
74) Di-n-butylphthalate	18.145	149	4962054	53.553	ng		99
75) Fluoranthene	19.233	202	5564095	50.141	ng		99
77) Benzidine	19.421	184	5144221	248.731	ng		99
78) Pyrene	19.598	202	5692052	47.326	ng		100
80) Butylbenzylphthalate	20.492	149	2186734	58.586	ng		97
81) Benzo(a)anthracene	21.397	228	5694517	49.525	ng		99
82) 3,3'-Dichlorobenzidine	21.315	252	2248387	60.060	ng		98
83) Chrysene	21.456	228	5234523	48.024	ng		100
84) Bis(2-ethylhexyl)phtha...	21.321	149	3186763	54.784	ng	#	95
85) Di-n-octyl phthalate	22.456	149	5683539	62.863	ng		96
87) Indeno(1,2,3-cd)pyrene	27.826	276	6754576	50.278	ng		99
88) Benzo(b)fluoranthene	23.474	252	5602460	44.564	ng		99
89) Benzo(k)fluoranthene	23.538	252	5581332	45.118	ng		99
90) Benzo(a)pyrene	24.285	252	5372649	50.878	ng		99
91) Dibenzo(a,h)anthracene	27.879	278	5572457	49.785	ng		99
92) Benzo(g,h,i)perylene	28.885	276	5283895	46.866	ng		100

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

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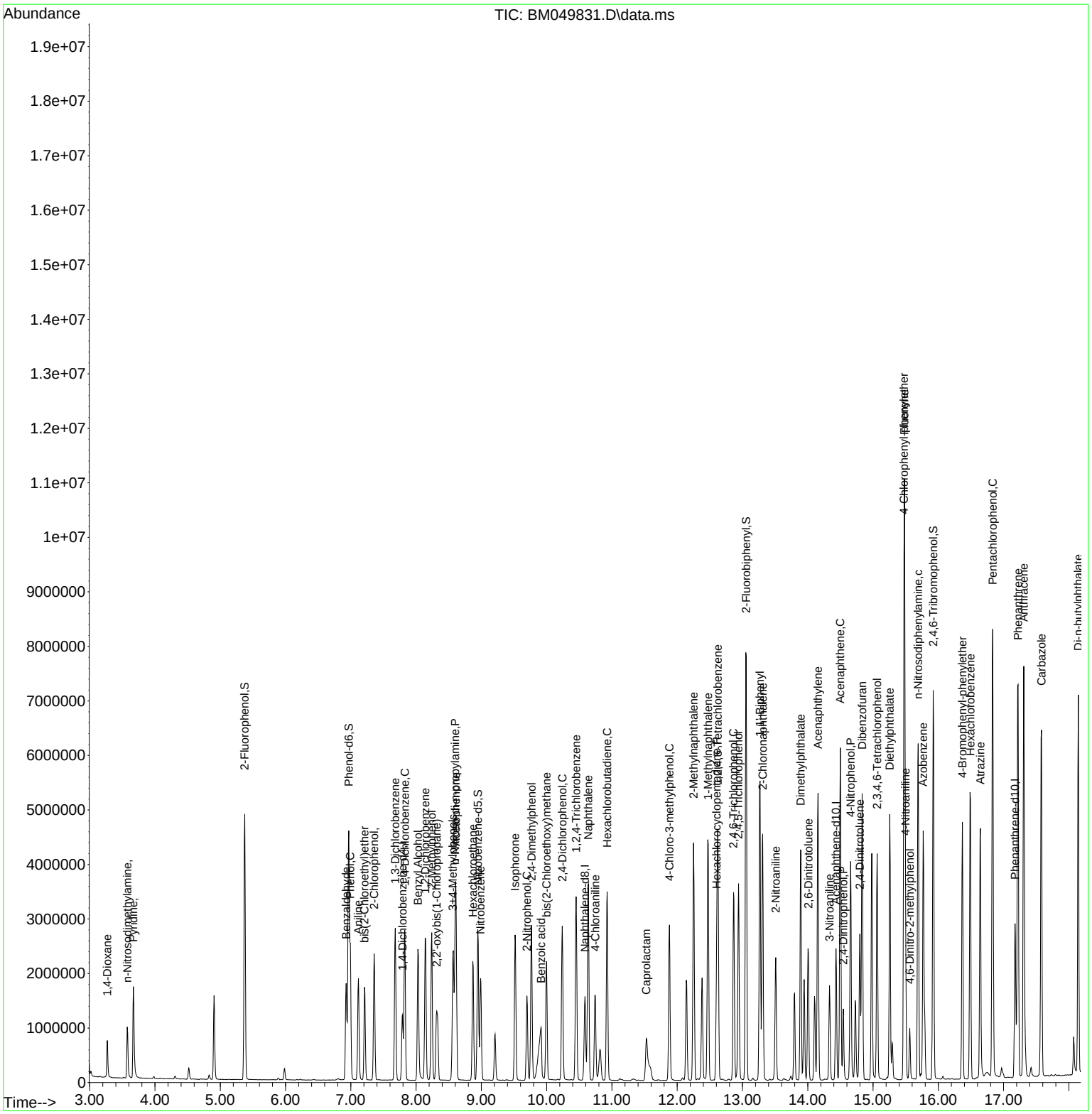

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