Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049840.D
Acq On : 07 Apr 2025 15:22
Operator : RC/JU
Sample : Q1721-02MS 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

Quant Time: Apr 07 16:21:56 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	7.787	152	392804	20.000	ng		-0.02
21) Naphthalene-d8	10.581	136	1404251	20.000	ng		-0.02
39) Acenaphthene-d10	14.427	164	888245	20.000	ng		-0.02
64) Phenanthrene-d10	17.168	188	1716279	20.000	ng		-0.02
76) Chrysene-d12	21.409	240	1693342	20.000	ng		-0.02
86) Perylene-d12	24.409	264	1886435	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1225224	52.631	ng		-0.02
7) Phenol-d6	6.957	99	1535286	52.552	ng		-0.02
23) Nitrobenzene-d5	8.939	82	880861	32.206	ng		-0.02
42) 2,4,6-Tribromophenol	15.915	330	712614	68.705	ng		-0.02
45) 2-Fluorobiphenyl	13.045	172	2175235	30.670	ng		-0.02
79) Terphenyl-d14	19.792	244	2908837	28.947	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	185355	18.393	ng		98
3) Pyridine	3.669	79	539454	20.960	ng		97
4) n-Nitrosodimethylamine	3.575	42	220833	19.392	ng	#	86
6) Aniline	7.110	93	565121	23.089	ng		99
8) 2-Chlorophenol	7.351	128	654462	28.389	ng		96
9) Benzaldehyde	6.922	77	348406	24.123	ng		95
10) Phenol	6.987	94	771862	27.247	ng		93
11) bis(2-Chloroethyl)ether	7.204	93	592450	25.827	ng		97
12) 1,3-Dichlorobenzene	7.675	146	726775	25.941	ng		97
13) 1,4-Dichlorobenzene	7.816	146	731656	25.887	ng		98
14) 1,2-Dichlorobenzene	8.134	146	703837	26.203	ng		98
15) Benzyl Alcohol	8.022	79	506673	27.636	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.310	45	681728m	25.285	ng		
17) 2-Methylphenol	8.234	107	494812	29.421	ng		95
18) Hexachloroethane	8.863	117	251351	25.183	ng		90
19) n-Nitroso-di-n-propyla...	8.586	70	423645	25.008	ng		97
20) 3+4-Methylphenols	8.557	107	672290	29.829	ng		97
22) Acetophenone	8.604	105	869534	24.015	ng		97
24) Nitrobenzene	8.981	77	613433	23.786	ng		92
25) Isophorone	9.510	82	1154874	27.501	ng		96
26) 2-Nitrophenol	9.692	139	367434	33.474	ng		94
27) 2,4-Dimethylphenol	9.757	122	560761	40.134	ng		95
28) bis(2-Chloroethoxy)met...	9.992	93	735485	24.867	ng		98
29) 2,4-Dichlorophenol	10.228	162	673450	29.580	ng		97
30) 1,2,4-Trichlorobenzene	10.445	180	725722	25.477	ng		99
31) Naphthalene	10.628	128	1824307	25.265	ng		99
33) 4-Chloroaniline	10.733	127	487832	19.796	ng		98
34) Hexachlorobutadiene	10.922	225	452652	25.741	ng		99
35) Caprolactam	11.516	113	182886	34.599	ng		87
36) 4-Chloro-3-methylphenol	11.869	107	563512	28.841	ng		98
37) 2-Methylnaphthalene	12.245	142	1200338	23.773	ng		98
38) 1-Methylnaphthalene	12.463	142	1258072	25.826	ng		98
40) 1,2,4,5-Tetrachloroben...	12.616	216	803247	24.619	ng		99
41) Hexachlorocyclopentadiene	12.598	237	235515	19.485	ng		100
43) 2,4,6-Trichlorophenol	12.857	196	594044	32.509	ng		98
44) 2,4,5-Trichlorophenol	12.927	196	641644	32.177	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.257	154	1728179	25.244	ng		99
47) 2-Chloronaphthalene	13.298	162	1361107	25.544	ng		99
48) 2-Nitroaniline	13.498	65	322997	27.002	ng		90
49) Acenaphthylene	14.145	152	2086203	28.010	ng		99
50) Dimethylphthalate	13.880	163	1592660	26.043	ng		100
51) 2,6-Dinitrotoluene	13.998	165	336940	27.497	ng	#	86
52) Acenaphthene	14.492	154	1288995	26.384	ng		99
53) 3-Nitroaniline	14.327	138	289665	24.841	ng		92
54) 2,4-Dinitrophenol	14.533	184	11567	5.415	ng		95
55) Dibenzofuran	14.827	168	2094904	25.733	ng		98
56) 4-Nitrophenol	14.645	139	645977	63.643	ng		89
57) 2,4-Dinitrotoluene	14.786	165	452917	28.724	ng		92
58) Fluorene	15.474	166	1780330	26.860	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	535877	32.104	ng		99
60) Diethylphthalate	15.251	149	1509646	26.210	ng		97
61) 4-Chlorophenyl-phenyle...	15.468	204	866175	23.932	ng		95
62) 4-Nitroaniline	15.486	138	344075	26.616	ng		91
63) Azobenzene	15.763	77	1370571	24.912	ng		93
65) 4,6-Dinitro-2-methylph...	15.551	198	32208	7.036	ng		82
66) n-Nitrosodiphenylamine	15.680	169	1397700	26.879	ng		98
67) 4-Bromophenyl-phenylether	16.362	248	519400	26.212	ng		98
68) Hexachlorobenzene	16.480	284	593045	26.614	ng		98
69) Atrazine	16.633	200	483864	42.222	ng		99
70) Pentachlorophenol	16.827	266	873322	62.366	ng		98
71) Phenanthrene	17.209	178	3346295	35.113	ng		100
72) Anthracene	17.298	178	2740257	29.690	ng		99
73) Carbazole	17.568	167	2370604	28.362	ng		100
74) Di-n-butylphthalate	18.139	149	2609863	28.488	ng		99
75) Fluoranthene	19.227	202	3769266	34.354	ng		100
77) Benzidine	19.409	184	364922	17.938	ng	#	75
78) Pyrene	19.592	202	3702863	31.299	ng		100
80) Butylbenzylphthalate	20.492	149	1174213	31.982	ng		95
81) Benzo(a)anthracene	21.392	228	3352891	29.644	ng		100
82) 3,3'-Dichlorobenzidine	21.309	252	602033	16.349	ng		99
83) Chrysene	21.450	228	3024622	28.211	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1737937	30.373	ng		98
85) Di-n-octyl phthalate	22.450	149	2983839	33.551	ng	#	96
87) Indeno(1,2,3-cd)pyrene	27.809	276	3814615	28.095	ng		99
88) Benzo(b)fluoranthene	23.462	252	3377304	26.581	ng		98
89) Benzo(k)fluoranthene	23.527	252	3109134	24.868	ng		98
90) Benzo(a)pyrene	24.274	252	3159107	29.601	ng		99
91) Dibenzo(a,h)anthracene	27.868	278	2987633	26.410	ng		100
92) Benzo(g,h,i)perylene	28.868	276	3065814	26.906	ng		98

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

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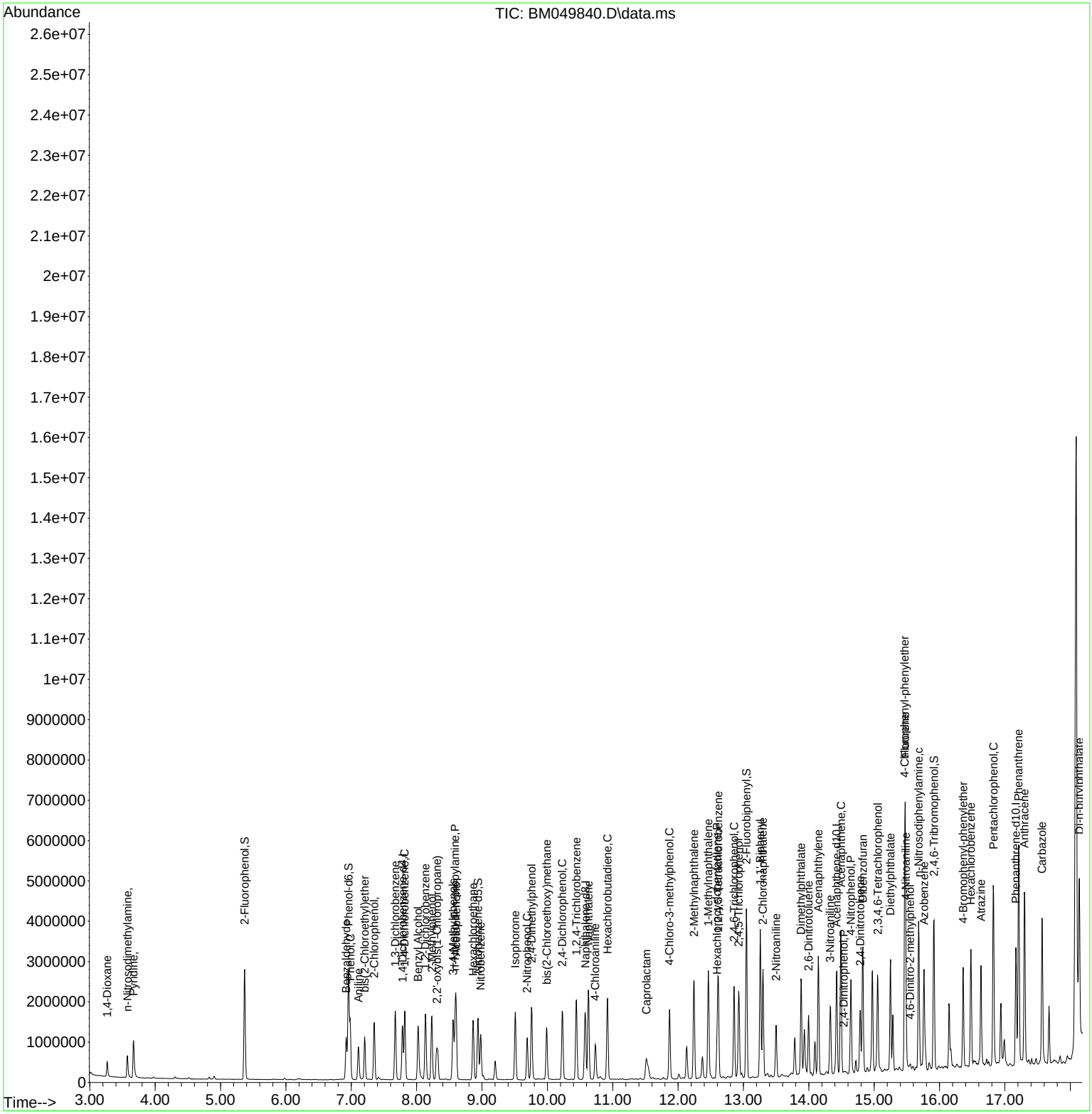

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