Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010225\
Data File : BM049321.D
Acq On : 02 Jan 2025 17:33
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM010225

Quant Time: Jan 02 23:07:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 17:54:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.528	152	178455	20.000	ng		0.00
21) Naphthalene-d8	10.292	136	695751	20.000	ng		0.00
39) Acenaphthene-d10	14.168	164	454907	20.000	ng		0.00
64) Phenanthrene-d10	16.921	188	907747	20.000	ng		0.00
76) Chrysene-d12	21.156	240	932860	20.000	ng		0.00
86) Perylene-d12	23.944	264	899795	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	857467	75.627	ng		0.00
7) Phenol-d6	6.722	99	1094463	73.070	ng		0.00
23) Nitrobenzene-d5	8.675	82	1061856	72.209	ng		0.00
42) 2,4,6-Tribromophenol	15.668	330	450185	75.224	ng		0.00
45) 2-Fluorobiphenyl	12.786	172	2503226	71.443	ng		0.00
79) Terphenyl-d14	19.574	244	3971916	70.274	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.157	88	188897	39.456	ng		99
3) Pyridine	3.534	79	497184	36.234	ng		98
4) n-Nitrosodimethylamine	3.451	42	214824	37.056	ng		98
6) Aniline	6.869	93	657354	53.545	ng		99
8) 2-Chlorophenol	7.098	128	439528	37.636	ng		99
9) Benzaldehyde	6.681	77	284709	33.378	ng		98
10) Phenol	6.745	94	579721	38.597	ng		99
11) bis(2-Chloroethyl)ether	6.969	93	456798	37.878	ng		98
12) 1,3-Dichlorobenzene	7.416	146	512865	36.780	ng		99
13) 1,4-Dichlorobenzene	7.563	146	516726	36.617	ng		99
14) 1,2-Dichlorobenzene	7.875	146	499585	36.641	ng		99
15) Benzyl Alcohol	7.769	79	400524	42.106	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.051	45	699235	39.829	ng		100
17) 2-Methylphenol	7.975	107	363210	39.130	ng		98
18) Hexachloroethane	8.586	117	193821	37.259	ng		99
19) n-Nitroso-di-n-propyla...	8.333	70	386369	40.503	ng		97
20) 3+4-Methylphenols	8.304	107	496379	38.932	ng		99
22) Acetophenone	8.339	105	737557	38.816	ng	#	98
24) Nitrobenzene	8.716	77	534577	35.565	ng		99
25) Isophorone	9.239	82	969283	39.021	ng		100
26) 2-Nitrophenol	9.416	139	231600	40.404	ng		98
27) 2,4-Dimethylphenol	9.492	122	340197	46.799	ng		99
28) bis(2-Chloroethoxy)met...	9.722	93	596686	37.230	ng		99
29) 2,4-Dichlorophenol	9.945	162	442814	38.752	ng		98
30) 1,2,4-Trichlorobenzene	10.157	180	498914	34.758	ng		99
31) Naphthalene	10.339	128	1371279	36.261	ng		100
32) Benzoic acid	9.633	122	270656	36.057	ng		98
33) 4-Chloroaniline	10.457	127	567330	44.195	ng		99
34) Hexachlorobutadiene	10.627	225	317900	34.931	ng		99
35) Caprolactam	11.239	113	128593	38.262	ng		96
36) 4-Chloro-3-methylphenol	11.592	107	427184	38.504	ng		100
37) 2-Methylnaphthalene	11.963	142	984636	37.755	ng		99
38) 1-Methylnaphthalene	12.180	142	922595	35.697	ng		99
40) 1,2,4,5-Tetrachloroben...	12.339	216	596023	38.640	ng		99
41) Hexachlorocyclopentadiene	12.321	237	308257	63.140	ng		98
43) 2,4,6-Trichlorophenol	12.586	196	370337	38.774	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	398334	37.088	ng	99
46) 1,1'-Biphenyl	12.998	154	1334243	38.877	ng	99
47) 2-Chloronaphthalene	13.033	162	1018927	36.141	ng	98
48) 2-Nitroaniline	13.245	65	293777	39.847	ng	99
49) Acenaphthylene	13.886	152	1554312	39.972	ng	100
50) Dimethylphthalate	13.639	163	1251486	37.416	ng	99
51) 2,6-Dinitrotoluene	13.751	165	261491	36.524	ng	100
52) Acenaphthene	14.233	154	948963	37.625	ng	99
53) 3-Nitroaniline	14.086	138	275745	41.452	ng	92
54) 2,4-Dinitrophenol	14.292	184	138339	35.679	ng	99
55) Dibenzofuran	14.574	168	1545320	37.044	ng	99
56) 4-Nitrophenol	14.404	139	223443	38.409	ng	97
57) 2,4-Dinitrotoluene	14.545	165	363780	37.916	ng	99
58) Fluorene	15.227	166	1273161	37.318	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.804	232	350036	39.027	ng	99
60) Diethylphthalate	15.021	149	1225387	37.498	ng	99
61) 4-Chlorophenyl-phenyle...	15.227	204	681629	36.598	ng	99
62) 4-Nitroaniline	15.251	138	276355	36.179	ng	98
63) Azobenzene	15.521	77	1193598	37.728	ng	99
65) 4,6-Dinitro-2-methylph...	15.309	198	204399	39.867	ng	99
66) n-Nitrosodiphenylamine	15.445	169	1058709	40.640	ng	100
67) 4-Bromophenyl-phenylether	16.121	248	374116	38.094	ng	99
68) Hexachlorobenzene	16.227	284	442412	37.528	ng	100
69) Atrazine	16.409	200	379402	58.932	ng	98
70) Pentachlorophenol	16.574	266	285053	39.137	ng	99
71) Phenanthrene	16.962	178	1933601	39.970	ng	100
72) Anthracene	17.056	178	1954071	42.556	ng	99
73) Carbazole	17.327	167	1775923	39.588	ng	100
74) Di-n-butylphthalate	17.909	149	2078646	40.916	ng	100
75) Fluoranthene	18.992	202	2294763	39.068	ng	99
77) Benzidine	19.186	184	819235	61.719	ng	99
78) Pyrene	19.356	202	2457227	35.767	ng	100
80) Butylbenzylphthalate	20.286	149	879720	37.902	ng	95
81) Benzo(a)anthracene	21.139	228	2456378	36.943	ng	100
82) 3,3'-Dichlorobenzidine	21.074	252	800124	39.602	ng	100
83) Chrysene	21.197	228	2261995	35.897	ng	99
84) Bis(2-ethylhexyl)phtha...	21.091	149	1352114	38.006	ng	98
85) Di-n-octyl phthalate	22.156	149	2118028	35.997	ng	100
87) Indeno(1,2,3-cd)pyrene	27.044	276	2680560	40.487	ng	99
88) Benzo(b)fluoranthene	23.074	252	2256177	37.447	ng	99
89) Benzo(k)fluoranthene	23.127	252	2305134	39.289	ng	99
90) Benzo(a)pyrene	23.815	252	2118573	41.478	ng	98
91) Dibenzo(a,h)anthracene	27.097	278	2185279	39.580	ng	100
92) Benzo(g,h,i)perylene	28.003	276	1958177	35.375	ng	100

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

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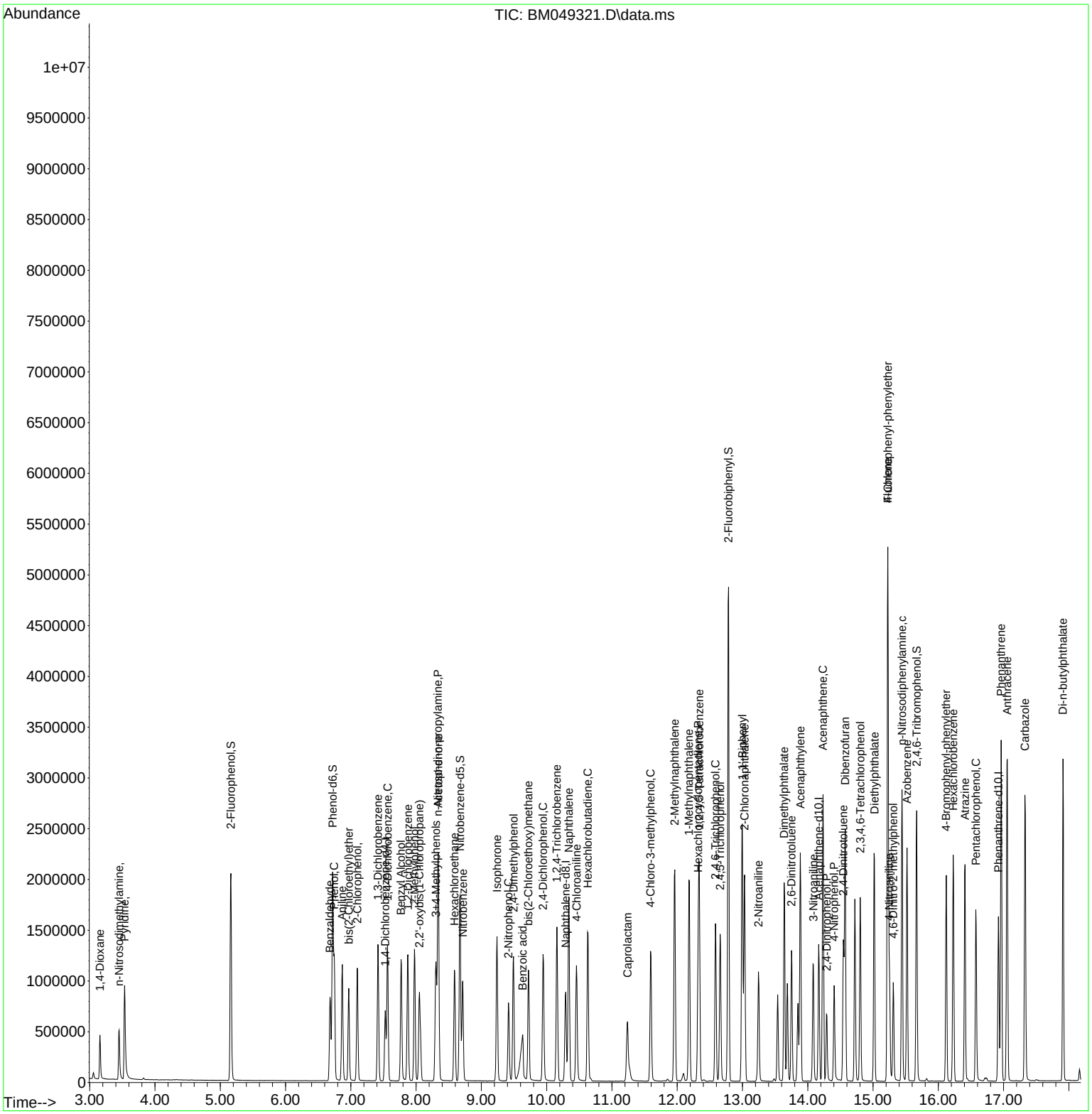

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