Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020725\
Data File : BM049596.D
Acq On : 07 Feb 2025 09:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Feb 07 10:10:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	236557	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	856936	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	523102	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	969730	20.000	ng		0.00
76) Chrysene-d12	21.439	240	929732	20.000	ng		0.00
86) Perylene-d12	24.468	264	755929	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1178176	80.091	ng		0.00
7) Phenol-d6	6.981	99	1527014	79.233	ng		0.00
23) Nitrobenzene-d5	8.975	82	1440632	86.473	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	480316	77.491	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	3451424	85.474	ng		0.00
79) Terphenyl-d14	19.827	244	5586801	91.760	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	256753	41.511	ng		99
3) Pyridine	3.687	79	698735	40.653	ng		100
4) n-Nitrosodimethylamine	3.599	42	331015	41.163	ng		98
6) Aniline	7.145	93	702039	38.434	ng		98
8) 2-Chlorophenol	7.387	128	580317	39.508	ng		99
9) Benzaldehyde	6.957	77	369265	36.186	ng		98
10) Phenol	7.004	94	748116	39.411	ng		98
11) bis(2-Chloroethyl)ether	7.245	93	620275	40.390	ng		99
12) 1,3-Dichlorobenzene	7.710	146	697039	40.883	ng		98
13) 1,4-Dichlorobenzene	7.857	146	705715	40.921	ng		99
14) 1,2-Dichlorobenzene	8.175	146	674260	40.491	ng		100
15) Benzyl Alcohol	8.057	79	502056	37.444	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.363	45	830862	40.190	ng		98
17) 2-Methylphenol	8.257	107	450319	38.797	ng		97
18) Hexachloroethane	8.910	117	253910	40.308	ng		98
19) n-Nitroso-di-n-propyla...	8.634	70	499378	39.569	ng		99
20) 3+4-Methylphenols	8.586	107	593758	38.751	ng		100
22) Acetophenone	8.639	105	945325	40.957	ng	#	98
24) Nitrobenzene	9.016	77	685109	42.327	ng		98
25) Isophorone	9.545	82	1163152	38.713	ng		99
26) 2-Nitrophenol	9.728	139	188551	36.285	ng		99
27) 2,4-Dimethylphenol	9.792	122	351049	36.952	ng		96
28) bis(2-Chloroethoxy)met...	10.033	93	779736	40.294	ng		99
29) 2,4-Dichlorophenol	10.263	162	530322	40.535	ng		98
30) 1,2,4-Trichlorobenzene	10.486	180	646308	40.321	ng		99
31) Naphthalene	10.669	128	1835226	40.607	ng		98
32) Benzoic acid	9.904	122	207936m	38.943	ng		
33) 4-Chloroaniline	10.769	127	653303	38.619	ng		99
34) Hexachlorobutadiene	10.969	225	388726	40.497	ng		99
35) Caprolactam	11.533	113	144232	36.136	ng		96
36) 4-Chloro-3-methylphenol	11.892	107	506737	38.838	ng		100
37) 2-Methylnaphthalene	12.286	142	1267866	39.844	ng		100
38) 1-Methylnaphthalene	12.504	142	1220187	39.412	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	707853	41.157	ng		99
41) Hexachlorocyclopentadiene	12.645	237	165809	37.765	ng		98
43) 2,4,6-Trichlorophenol	12.886	196	369158	39.334	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	425366	41.243	ng		99
46) 1,1'-Biphenyl	13.298	154	1639608	41.088	ng		99
47) 2-Chloronaphthalene	13.333	162	1258454	40.760	ng		99
48) 2-Nitroaniline	13.527	65	309179	38.842	ng		99
49) Acenaphthylene	14.180	152	1844265	40.510	ng		99
50) Dimethylphthalate	13.921	163	1477289	39.325	ng		100
51) 2,6-Dinitrotoluene	14.027	165	284346	43.743	ng		98
52) Acenaphthene	14.527	154	1220827	40.400	ng		99
53) 3-Nitroaniline	14.351	138	289501	43.743	ng		99
54) 2,4-Dinitrophenol	14.557	184	52693	36.789	ng	#	84
55) Dibenzofuran	14.863	168	1958134	40.695	ng		100
56) 4-Nitrophenol	14.651	139	218076	39.088	ng		98
57) 2,4-Dinitrotoluene	14.810	165	363741	41.483	ng		98
58) Fluorene	15.510	166	1756167	42.664	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	349704	40.133	ng		99
60) Diethylphthalate	15.292	149	1491041	39.494	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	932640	42.569	ng		100
62) 4-Nitroaniline	15.515	138	340001	40.427	ng		99
63) Azobenzene	15.798	77	1610720	40.874	ng		98
65) 4,6-Dinitro-2-methylph...	15.574	198	90427	36.684	ng		91
66) n-Nitrosodiphenylamine	15.715	169	1234209	40.357	ng		98
67) 4-Bromophenyl-phenylether	16.398	248	455881	40.466	ng		99
68) Hexachlorobenzene	16.509	284	512842	39.662	ng		96
69) Atrazine	16.668	200	330963	36.406	ng		97
70) Pentachlorophenol	16.851	266	261106	34.747	ng		100
71) Phenanthrene	17.245	178	2253136	40.784	ng		99
72) Anthracene	17.333	178	2222504	40.630	ng		100
73) Carbazole	17.598	167	1907407	39.728	ng		99
74) Di-n-butylphthalate	18.180	149	2409226	39.547	ng		99
75) Fluoranthene	19.256	202	2645612	40.904	ng		100
77) Benzidine	19.439	184	269755	32.764	ng		99
78) Pyrene	19.621	202	2740748	39.370	ng		99
80) Butylbenzylphthalate	20.533	149	727850	33.600	ng		95
81) Benzo(a)anthracene	21.421	228	2573031	40.835	ng		100
82) 3,3'-Dichlorobenzidine	21.344	252	600334	35.407	ng		100
83) Chrysene	21.486	228	2424680	41.073	ng		100
84) Bis(2-ethylhexyl)phtha...	21.374	149	1343614	36.182	ng		98
85) Di-n-octyl phthalate	22.533	149	1874127	31.990	ng		98
87) Indeno(1,2,3-cd)pyrene	27.885	276	1749099	42.369	ng		99
88) Benzo(b)fluoranthene	23.515	252	2131806	40.994	ng		99
89) Benzo(k)fluoranthene	23.580	252	2130938	42.189	ng		99
90) Benzo(a)pyrene	24.327	252	1682904	40.836	ng		99
91) Dibenzo(a,h)anthracene	27.956	278	1402579	42.987	ng		98
92) Benzo(g,h,i)perylene	28.950	276	1564436	42.923	ng		100

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

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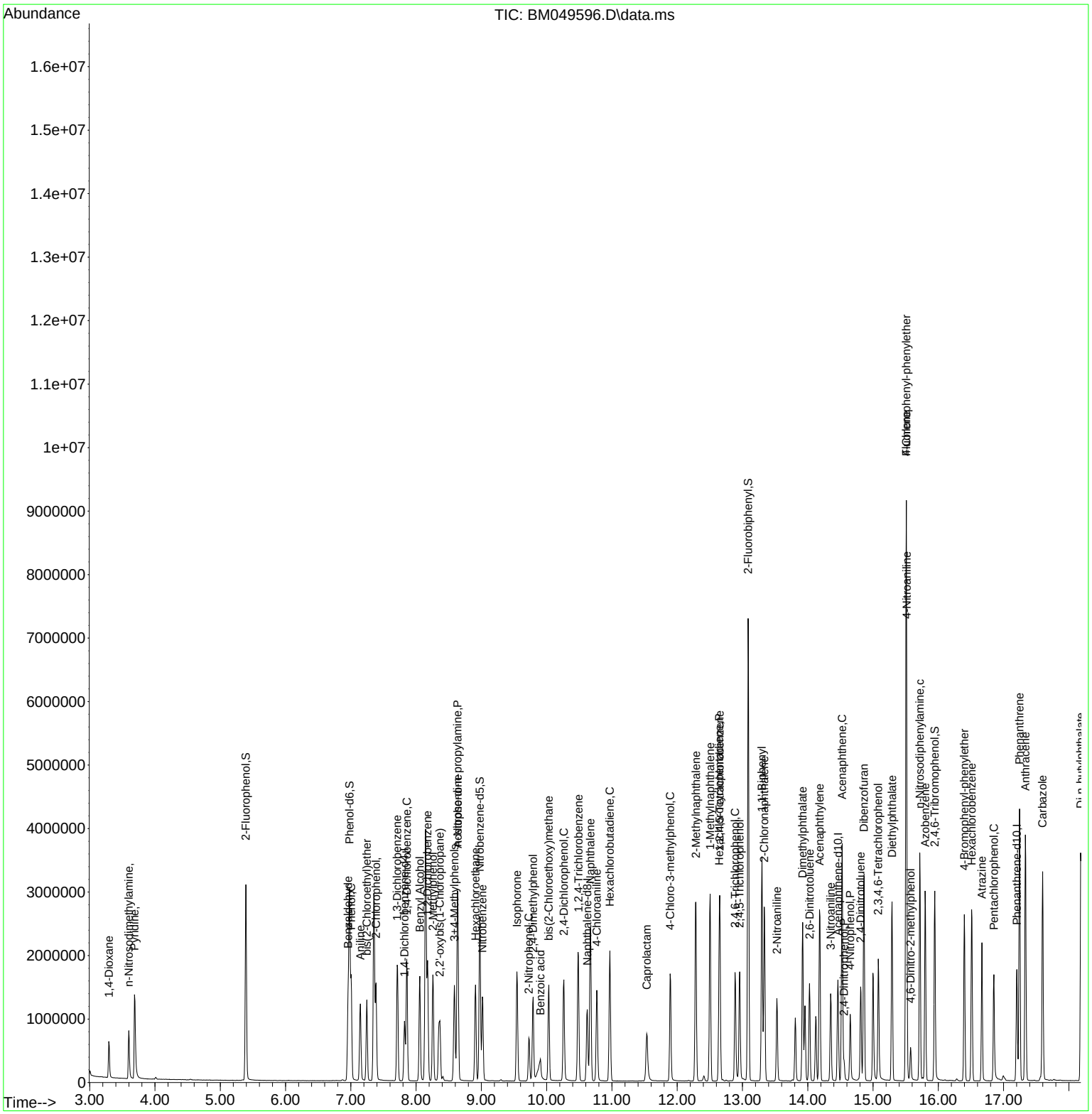

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