Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
Data File : BM049588.D
Acq On : 06 Feb 2025 20:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Feb 07 01:31:03 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	204173	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	791953	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	507064	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	974401	20.000	ng		0.00
76) Chrysene-d12	21.445	240	966828	20.000	ng		0.00
86) Perylene-d12	24.468	264	781266	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1039473	81.870	ng		0.00
7) Phenol-d6	6.981	99	1381781	83.069	ng		0.00
23) Nitrobenzene-d5	8.975	82	1339933	87.029	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	488036	81.227	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	3379027	86.328	ng		0.00
79) Terphenyl-d14	19.827	244	6030428	95.247	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	221737	41.536	ng		98
3) Pyridine	3.693	79	621113	41.869	ng		97
4) n-Nitrosodimethylamine	3.604	42	302408	43.570	ng		96
6) Aniline	7.145	93	635738	40.325	ng		99
8) 2-Chlorophenol	7.387	128	520379	41.046	ng		97
9) Benzaldehyde	6.957	77	391603	44.462	ng		97
10) Phenol	7.004	94	681240	41.580	ng		97
11) bis(2-Chloroethyl)ether	7.245	93	553909	41.789	ng		97
12) 1,3-Dichlorobenzene	7.716	146	607270	41.267	ng		100
13) 1,4-Dichlorobenzene	7.863	146	618629	41.561	ng		99
14) 1,2-Dichlorobenzene	8.181	146	603136	41.965	ng		99
15) Benzyl Alcohol	8.057	79	461665	39.893	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.363	45	790883	44.324	ng		100
17) 2-Methylphenol	8.257	107	418960	41.821	ng		97
18) Hexachloroethane	8.910	117	229431	42.199	ng		99
19) n-Nitroso-di-n-propyla...	8.634	70	480010	44.067	ng		99
20) 3+4-Methylphenols	8.587	107	558676	42.245	ng		99
22) Acetophenone	8.639	105	875350	41.037	ng	#	97
24) Nitrobenzene	9.022	77	641780	42.903	ng		99
25) Isophorone	9.545	82	1113713	40.109	ng		98
26) 2-Nitrophenol	9.733	139	170488	35.644	ng		98
27) 2,4-Dimethylphenol	9.792	122	334619	38.113	ng		99
28) bis(2-Chloroethoxy)met...	10.033	93	742174	41.500	ng		99
29) 2,4-Dichlorophenol	10.263	162	494340	40.885	ng		99
30) 1,2,4-Trichlorobenzene	10.486	180	601428	40.600	ng		100
31) Naphthalene	10.675	128	1704589	40.811	ng		99
32) Benzoic acid	9.910	122	167179	35.354	ng		98
33) 4-Chloroaniline	10.769	127	622463	39.815	ng		99
34) Hexachlorobutadiene	10.969	225	360010	40.583	ng		99
35) Caprolactam	11.539	113	142790	38.711	ng		90
36) 4-Chloro-3-methylphenol	11.898	107	483111	40.066	ng		98
37) 2-Methylnaphthalene	12.286	142	1186089	40.333	ng		98
38) 1-Methylnaphthalene	12.504	142	1153305	40.308	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	677798	40.656	ng		99
41) Hexachlorocyclopentadiene	12.645	237	152319	35.789	ng		99
43) 2,4,6-Trichlorophenol	12.892	196	363078	39.910	ng		100

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44) 2,4,5-Trichlorophenol	12.957	196	405122	40.522	ng		98
46) 1,1'-Biphenyl	13.298	154	1581206	40.877	ng		100
47) 2-Chloronaphthalene	13.339	162	1221214	40.805	ng		99
48) 2-Nitroaniline	13.527	65	307692	39.768	ng		93
49) Acenaphthylene	14.186	152	1804090	40.880	ng		99
50) Dimethylphthalate	13.921	163	1460824	40.117	ng		100
51) 2,6-Dinitrotoluene	14.027	165	277089	43.975	ng		93
52) Acenaphthene	14.527	154	1202085	41.037	ng		99
53) 3-Nitroaniline	14.357	138	280457	43.716	ng		99
54) 2,4-Dinitrophenol	14.557	184	50813	36.667	ng	#	87
55) Dibenzofuran	14.863	168	1937853	41.547	ng		100
56) 4-Nitrophenol	14.651	139	216315	39.999	ng		97
57) 2,4-Dinitrotoluene	14.816	165	357632	41.959	ng		99
58) Fluorene	15.510	166	1789624	44.852	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	351253	41.586	ng		99
60) Diethylphthalate	15.292	149	1497668	40.924	ng		100
61) 4-Chlorophenyl-phenyle...	15.510	204	961619	45.280	ng		99
62) 4-Nitroaniline	15.515	138	347441	42.390	ng		99
63) Azobenzene	15.804	77	1656395	43.363	ng		100
65) 4,6-Dinitro-2-methylph...	15.580	198	88662	36.078	ng		99
66) n-Nitrosodiphenylamine	15.715	169	1242752	40.441	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	455615	40.248	ng		99
68) Hexachlorobenzene	16.515	284	525308	40.431	ng		99
69) Atrazine	16.668	200	333367	36.494	ng		97
70) Pentachlorophenol	16.851	266	268868	35.417	ng		100
71) Phenanthrene	17.245	178	2298586	41.408	ng		100
72) Anthracene	17.333	178	2271011	41.318	ng		100
73) Carbazole	17.598	167	1946300	40.344	ng		99
74) Di-n-butylphthalate	18.186	149	2485846	40.609	ng		100
75) Fluoranthene	19.256	202	2735068	42.084	ng		99
77) Benzidine	19.439	184	308323	36.011	ng		99
78) Pyrene	19.621	202	2823085	38.997	ng		100
80) Butylbenzylphthalate	20.533	149	755260	33.528	ng		99
81) Benzo(a)anthracene	21.427	228	2661717	40.622	ng		100
82) 3,3'-Dichlorobenzidine	21.345	252	661905	37.540	ng		98
83) Chrysene	21.486	228	2555979	41.636	ng		99
84) Bis(2-ethylhexyl)phtha...	21.374	149	1420098	36.774	ng		98
85) Di-n-octyl phthalate	22.533	149	1985074	32.583	ng		98
87) Indeno(1,2,3-cd)pyrene	27.891	276	1796991	42.117	ng		100
88) Benzo(b)fluoranthene	23.515	252	2234106	41.568	ng		99
89) Benzo(k)fluoranthene	23.580	252	2176416	41.692	ng		100
90) Benzo(a)pyrene	24.327	252	1763474	41.403	ng		99
91) Dibenzo(a,h)anthracene	27.962	278	1390337	41.230	ng		98
92) Benzo(g,h,i)perylene	28.956	276	1620039	43.007	ng		99

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

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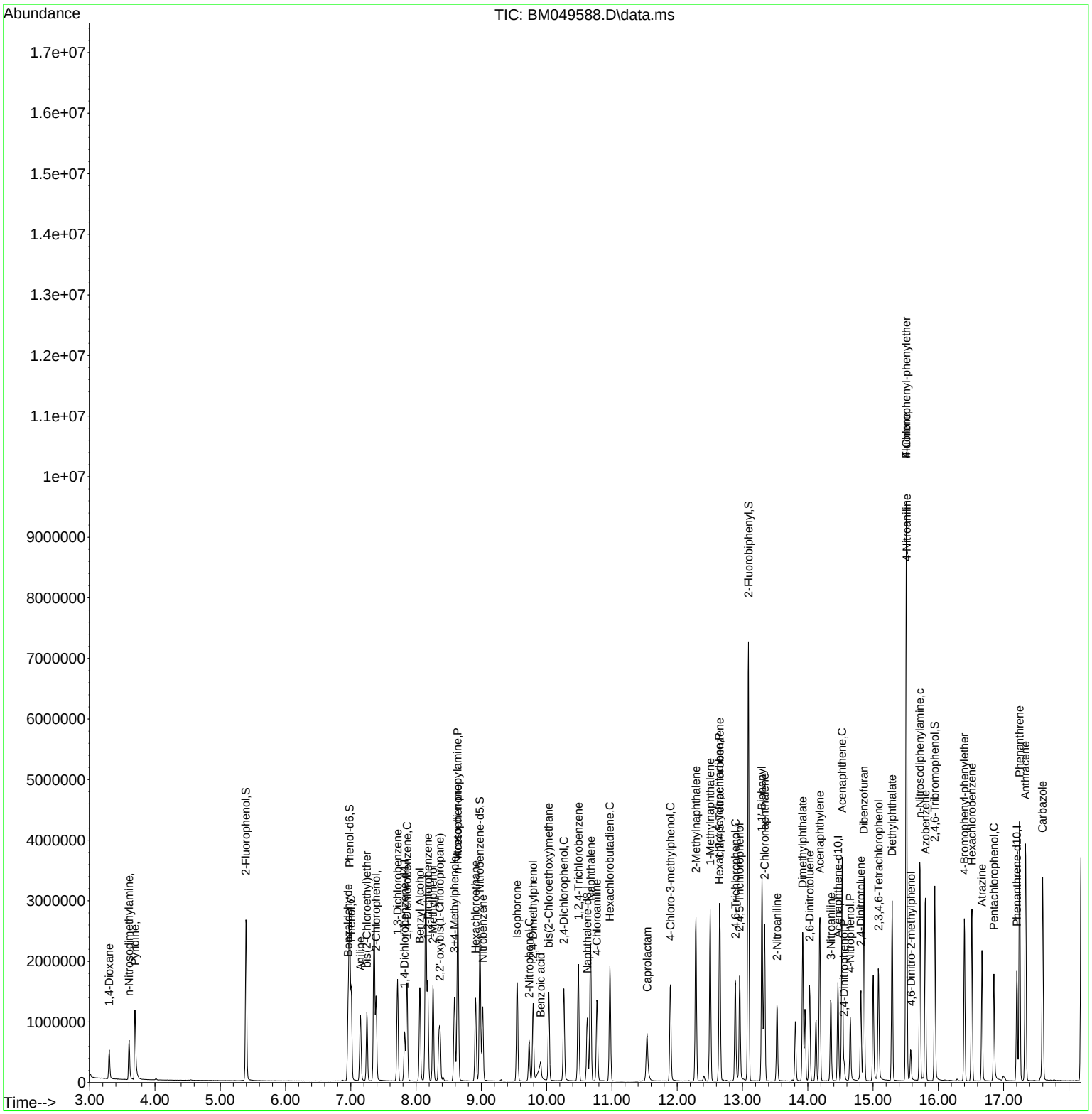

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