Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
Data File : BM049586.D
Acq On : 06 Feb 2025 19:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 07 01:30:19 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	221114	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	844876	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	537803	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1023626	20.000	ng	0.00
76) Chrysene-d12	21.439	240	976876	20.000	ng	0.00
86) Perylene-d12	24.474	264	800581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1094297	79.585	ng	0.00
7) Phenol-d6	6.981	99	1467984	81.490	ng	0.00
23) Nitrobenzene-d5	8.975	82	1418825	86.380	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	519250	81.483	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3493811	84.158	ng	0.00
79) Terphenyl-d14	19.833	244	6039947	94.416	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	234196	40.509	ng	98
3) Pyridine	3.687	79	668417	41.605	ng	99
4) n-Nitrosodimethylamine	3.599	42	319295	42.479	ng	98
6) Aniline	7.146	93	685479	40.149	ng	99
8) 2-Chlorophenol	7.387	128	553625	40.323	ng	99
9) Benzaldehyde	6.957	77	416714	43.688	ng	99
10) Phenol	7.004	94	715510	40.326	ng	96
11) bis(2-Chloroethyl)ether	7.246	93	592000	41.241	ng	96
12) 1,3-Dichlorobenzene	7.716	146	647572	40.634	ng	98
13) 1,4-Dichlorobenzene	7.857	146	651187	40.397	ng	99
14) 1,2-Dichlorobenzene	8.181	146	635219	40.811	ng	99
15) Benzyl Alcohol	8.057	79	499053	39.820	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.357	45	825052	42.696	ng	100
17) 2-Methylphenol	8.257	107	447351	41.233	ng	97
18) Hexachloroethane	8.910	117	240033	40.766	ng	97
19) n-Nitroso-di-n-propyla...	8.634	70	504694	42.783	ng	99
20) 3+4-Methylphenols	8.587	107	594873	41.536	ng	99
22) Acetophenone	8.645	105	933939	41.041	ng	99
24) Nitrobenzene	9.022	77	686392	43.011	ng	99
25) Isophorone	9.545	82	1210087	40.850	ng	98
26) 2-Nitrophenol	9.734	139	184397	36.046	ng	99
27) 2,4-Dimethylphenol	9.792	122	355397	37.944	ng	97
28) bis(2-Chloroethoxy)met...	10.034	93	780422	40.905	ng	98
29) 2,4-Dichlorophenol	10.263	162	527423	40.889	ng	98
30) 1,2,4-Trichlorobenzene	10.487	180	636260	40.261	ng	99
31) Naphthalene	10.675	128	1794393	40.270	ng	99
32) Benzoic acid	9.904	122	190433	37.000	ng	99
33) 4-Chloroaniline	10.769	127	662872	39.744	ng	99
34) Hexachlorobutadiene	10.969	225	387353	40.930	ng	99
35) Caprolactam	11.539	113	153703	39.059	ng	96
36) 4-Chloro-3-methylphenol	11.898	107	519223	40.363	ng	97
37) 2-Methylnaphthalene	12.286	142	1257097	40.070	ng	99
38) 1-Methylnaphthalene	12.504	142	1214976	39.803	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	723919	40.941	ng	100
41) Hexachlorocyclopentadiene	12.645	237	159822	35.406	ng	98
43) 2,4,6-Trichlorophenol	12.892	196	382419	39.633	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	436445	41.160	ng		97
46) 1,1'-Biphenyl	13.298	154	1650417	40.228	ng		99
47) 2-Chloronaphthalene	13.339	162	1282472	40.403	ng		100
48) 2-Nitroaniline	13.528	65	324655	39.584	ng		97
49) Acenaphthylene	14.186	152	1890610	40.392	ng		100
50) Dimethylphthalate	13.922	163	1551969	40.184	ng		100
51) 2,6-Dinitrotoluene	14.027	165	290620	43.486	ng		91
52) Acenaphthene	14.527	154	1261310	40.598	ng		99
53) 3-Nitroaniline	14.351	138	300516	44.166	ng		97
54) 2,4-Dinitrophenol	14.557	184	56423	37.761	ng	#	86
55) Dibenzofuran	14.863	168	2018436	40.802	ng		99
56) 4-Nitrophenol	14.651	139	227975	39.746	ng		95
57) 2,4-Dinitrotoluene	14.816	165	377055	41.758	ng		99
58) Fluorene	15.510	166	1835934	43.383	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	371494	41.468	ng		99
60) Diethylphthalate	15.292	149	1573326	40.534	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	994328	44.144	ng		99
62) 4-Nitroaniline	15.516	138	364355	41.960	ng		100
63) Azobenzene	15.804	77	1696153	41.866	ng		99
65) 4,6-Dinitro-2-methylph...	15.580	198	97014	37.090	ng		99
66) n-Nitrosodiphenylamine	15.716	169	1318029	40.829	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	484734	40.761	ng		99
68) Hexachlorobenzene	16.516	284	551433	40.401	ng		98
69) Atrazine	16.668	200	350403	36.515	ng		98
70) Pentachlorophenol	16.851	266	286508	35.815	ng		98
71) Phenanthrene	17.245	178	2389554	40.976	ng		100
72) Anthracene	17.333	178	2355998	40.802	ng		100
73) Carbazole	17.598	167	2035823	40.171	ng		99
74) Di-n-butylphthalate	18.186	149	2561083	39.826	ng		100
75) Fluoranthene	19.257	202	2807374	41.120	ng		99
77) Benzidine	19.439	184	312306	36.101	ng		98
78) Pyrene	19.621	202	2953906	40.384	ng		100
80) Butylbenzylphthalate	20.533	149	774206	34.015	ng		97
81) Benzo(a)anthracene	21.427	228	2756504	41.636	ng		100
82) 3,3'-Dichlorobenzidine	21.345	252	681627	38.261	ng		100
83) Chrysene	21.486	228	2570295	41.438	ng		100
84) Bis(2-ethylhexyl)phtha...	21.374	149	1436418	36.814	ng		98
85) Di-n-octyl phthalate	22.533	149	2020525	32.824	ng		98
87) Indeno(1,2,3-cd)pyrene	27.897	276	1815073	41.514	ng		99
88) Benzo(b)fluoranthene	23.521	252	2266040	41.145	ng		100
89) Benzo(k)fluoranthene	23.580	252	2255454	42.164	ng		100
90) Benzo(a)pyrene	24.333	252	1793314	41.088	ng		99
91) Dibenzo(a,h)anthracene	27.962	278	1436509	41.572	ng		99
92) Benzo(g,h,i)perylene	28.956	276	1590743	41.210	ng		98

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

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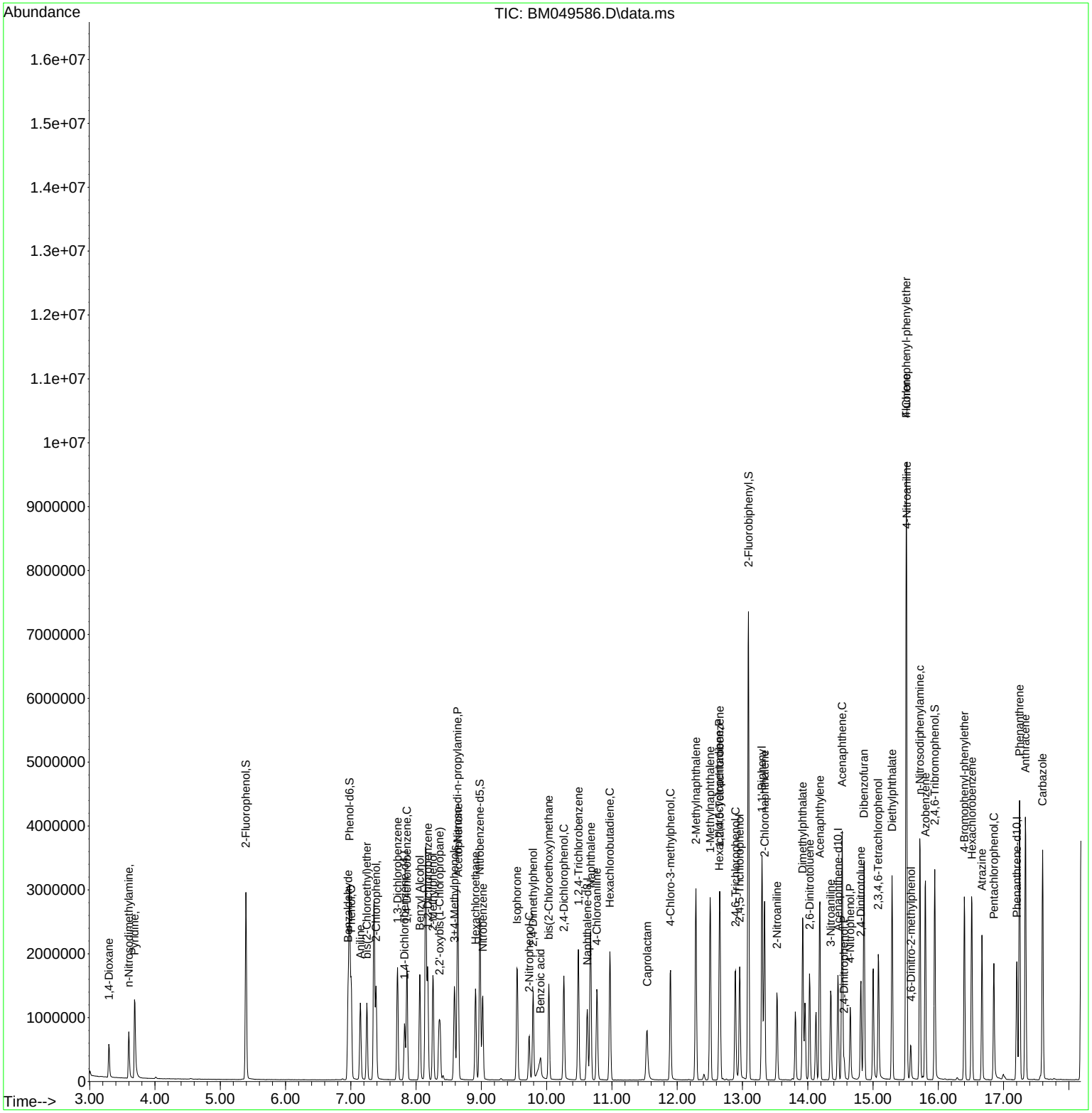

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