

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049709.D
 Acq On : 13 Mar 2025 11:00
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Quant Time: Mar 13 14:40:48 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 14:27:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	313236	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1063554	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	653236	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1202916	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1084099	20.000	ng	0.00
86) Perylene-d12	24.439	264	1012386	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	752200	40.519	ng	0.00
7) Phenol-d6	6.975	99	938684	40.292	ng	0.00
23) Nitrobenzene-d5	8.957	82	834165	40.268	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	295521	38.742	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2042299	39.155	ng	0.00
79) Terphenyl-d14	19.809	244	2611487	40.593	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.287	88	164522	20.472	ng	100
3) Pyridine	3.687	79	416413	20.264	ng	98
4) n-Nitrosodimethylamine	3.593	42	187929	20.695	ng	99
6) Aniline	7.134	93	409185	20.965	ng	98
8) 2-Chlorophenol	7.375	128	373637	20.324	ng	99
9) Benzaldehyde	6.946	77	259870	22.564	ng	100
10) Phenol	7.004	94	458278	20.287	ng	98
11) bis(2-Chloroethyl)ether	7.228	93	372516	20.364	ng	98
12) 1,3-Dichlorobenzene	7.698	146	450375	20.159	ng	100
13) 1,4-Dichlorobenzene	7.840	146	460432	20.429	ng	99
14) 1,2-Dichlorobenzene	8.157	146	440083	20.546	ng	99
15) Benzyl Alcohol	8.045	79	291985	19.972	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	446479	20.767	ng	99
17) 2-Methylphenol	8.251	107	274444	20.463	ng	99
18) Hexachloroethane	8.887	117	160305	20.141	ng	92
19) n-Nitroso-di-n-propyla...	8.610	70	279276	20.673	ng	99
20) 3+4-Methylphenols	8.581	107	365852	20.356	ng	99
22) Acetophenone	8.628	105	549310	20.031	ng	# 99
24) Nitrobenzene	9.004	77	398868	20.420	ng	97
25) Isophorone	9.534	82	636755	20.020	ng	99
26) 2-Nitrophenol	9.716	139	162399	19.534	ng	98
27) 2,4-Dimethylphenol	9.781	122	211884	20.023	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	457141	20.407	ng	97
29) 2,4-Dichlorophenol	10.251	162	348455	20.208	ng	98
30) 1,2,4-Trichlorobenzene	10.463	180	442553	20.513	ng	98
31) Naphthalene	10.651	128	1094433	20.012	ng	99
32) Benzoic acid	9.887	122	152840	16.977	ng	95
33) 4-Chloroaniline	10.757	127	382245	20.480	ng	100
34) Hexachlorobutadiene	10.945	225	270278	20.294	ng	98
35) Caprolactam	11.528	113	77852	19.446	ng	95
36) 4-Chloro-3-methylphenol	11.886	107	290072	19.602	ng	99
37) 2-Methylnaphthalene	12.263	142	758592	19.837	ng	100
38) 1-Methylnaphthalene	12.486	142	727810	19.727	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	472680	19.699	ng	99
41) Hexachlorocyclopentadiene	12.622	237	173785	19.550	ng	96
43) 2,4,6-Trichlorophenol	12.875	196	264033	19.647	ng	97

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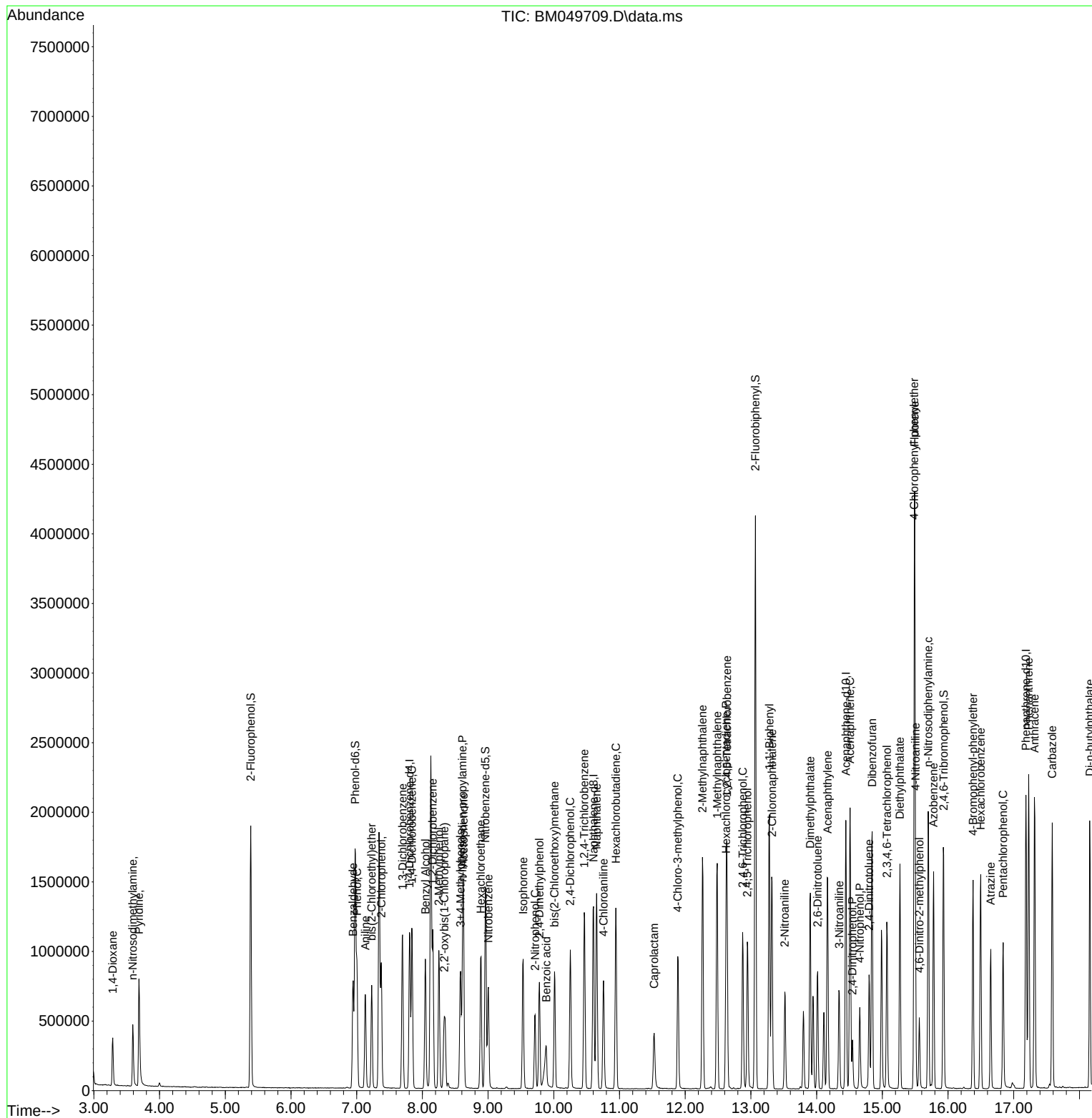
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	289238	19.723	ng	99
46) 1,1'-Biphenyl	13.280	154	1005064	19.963	ng	99
47) 2-Chloronaphthalene	13.322	162	779763	19.898	ng	99
48) 2-Nitroaniline	13.516	65	170895	19.426	ng	96
49) Acenaphthylene	14.169	152	1081919	19.752	ng	100
50) Dimethylphthalate	13.904	163	899648	20.003	ng	99
51) 2,6-Dinitrotoluene	14.016	165	178893	19.851	ng	99
52) Acenaphthene	14.510	154	700438	19.519	ng	99
53) 3-Nitroaniline	14.345	138	168909	19.697	ng	99
54) 2,4-Dinitrophenol	14.545	184	72346	20.242	ng	99
55) Dibenzofuran	14.845	168	1184764	19.789	ng	99
56) 4-Nitrophenol	14.657	139	136931	18.344	ng	99
57) 2,4-Dinitrotoluene	14.798	165	225172	19.418	ng	95
58) Fluorene	15.492	166	949720	19.484	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	239188	19.485	ng	98
60) Diethylphthalate	15.269	149	839716	19.824	ng	98
61) 4-Chlorophenyl-phenyle...	15.486	204	511663	19.223	ng	93
62) 4-Nitroaniline	15.504	138	174539	19.525	ng	100
63) Azobenzene	15.780	77	804689	19.889	ng	99
65) 4,6-Dinitro-2-methylph...	15.563	198	105000	20.361	ng	88
66) n-Nitrosodiphenylamine	15.698	169	725911	19.917	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	273093	19.663	ng	99
68) Hexachlorobenzene	16.498	284	304632	19.505	ng	99
69) Atrazine	16.651	200	173431	21.592	ng	99
70) Pentachlorophenol	16.839	266	174643	17.794	ng	99
71) Phenanthrene	17.227	178	1304624	19.532	ng	99
72) Anthracene	17.315	178	1269013	19.617	ng	100
73) Carbazole	17.586	167	1145728	19.557	ng	100
74) Di-n-butylphthalate	18.157	149	1254005	19.530	ng	99
75) Fluoranthene	19.239	202	1446853	18.815	ng	99
77) Benzidine	19.427	184	310871	23.868	ng	99
78) Pyrene	19.604	202	1507240	19.900	ng	99
80) Butylbenzylphthalate	20.509	149	463918	19.737	ng	97
81) Benzo(a)anthracene	21.403	228	1428447	19.727	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	429145	18.203	ng	99
83) Chrysene	21.468	228	1364401	19.877	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	735062	20.066	ng	98
85) Di-n-octyl phthalate	22.480	149	1034304	18.166	ng	99
87) Indeno(1,2,3-cd)pyrene	27.838	276	1398710	19.195	ng	99
88) Benzo(b)fluoranthene	23.486	252	1313124	19.257	ng	100
89) Benzo(k)fluoranthene	23.550	252	1310136	19.526	ng	99
90) Benzo(a)pyrene	24.291	252	1098704	19.183	ng	100
91) Dibenzo(a,h)anthracene	27.897	278	1165557	19.199	ng	99
92) Benzo(g,h,i)perylene	28.897	276	1187458	19.418	ng	99

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

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