Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049679.D
Acq On : 28 Feb 2025 15:12
Operator : RC/JU
Sample : PB166933BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BSD

Quant Time: Feb 28 16:06:41 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	7.804	152	281345	20.000	ng		-0.02
21) Naphthalene-d8	10.598	136	926819	20.000	ng		-0.03
39) Acenaphthene-d10	14.445	164	548450	20.000	ng		-0.02
64) Phenanthrene-d10	17.186	188	998908	20.000	ng		-0.02
76) Chrysene-d12	21.421	240	927156	20.000	ng		-0.02
86) Perylene-d12	24.432	264	893436	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1632853	93.329	ng		0.00
7) Phenol-d6	6.981	99	1968922	85.899	ng		0.00
23) Nitrobenzene-d5	8.963	82	1805531	100.205	ng		-0.02
42) 2,4,6-Tribromophenol	15.933	330	650408	100.083	ng		-0.02
45) 2-Fluorobiphenyl	13.069	172	4464726	105.458	ng		-0.02
79) Terphenyl-d14	19.809	244	6382615	105.123	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	293019	39.833	ng		97
3) Pyridine	3.681	79	711598	34.811	ng		94
4) n-Nitrosodimethylamine	3.587	42	350812	36.680	ng		92
6) Aniline	7.128	93	620720	28.573	ng		98
8) 2-Chlorophenol	7.375	128	705821	40.402	ng		96
9) Benzaldehyde	6.939	77	276883	22.814	ng		98
10) Phenol	7.004	94	900437	39.884	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	716779	39.244	ng		98
12) 1,3-Dichlorobenzene	7.692	146	863154	42.566	ng		97
13) 1,4-Dichlorobenzene	7.839	146	866316	42.237	ng		99
14) 1,2-Dichlorobenzene	8.157	146	828201	41.818	ng		98
15) Benzyl Alcohol	8.045	79	591582	37.097	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	889430m	36.174	ng		
17) 2-Methylphenol	8.251	107	553929	40.127	ng		95
18) Hexachloroethane	8.886	117	310809	41.486	ng		95
19) n-Nitroso-di-n-propyla...	8.616	70	547590	36.482	ng		94
20) 3+4-Methylphenols	8.581	107	734098	40.284	ng		98
22) Acetophenone	8.628	105	1179166	47.236	ng	#	98
24) Nitrobenzene	9.004	77	758551	43.331	ng		96
25) Isophorone	9.533	82	1336128	41.117	ng		98
26) 2-Nitrophenol	9.710	139	318891	51.980	ng		96
27) 2,4-Dimethylphenol	9.780	122	546415	53.180	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	872108	41.669	ng		98
29) 2,4-Dichlorophenol	10.251	162	669808	47.336	ng		97
30) 1,2,4-Trichlorobenzene	10.463	180	800846	46.195	ng		98
31) Naphthalene	10.651	128	2035267	41.637	ng		99
32) Benzoic acid	9.910	122	376312m	55.461	ng		
33) 4-Chloroaniline	10.757	127	302224	16.518	ng		99
34) Hexachlorobutadiene	10.945	225	509695	49.096	ng		98
35) Caprolactam	11.533	113	173510	40.194	ng		91
36) 4-Chloro-3-methylphenol	11.892	107	573430	40.636	ng		96
37) 2-Methylnaphthalene	12.263	142	1382877	40.182	ng		99
38) 1-Methylnaphthalene	12.486	142	1345628	40.186	ng		99
40) 1,2,4,5-Tetrachloroben...	12.633	216	1045997	58.007	ng		99
41) Hexachlorocyclopentadiene	12.621	237	1307807	284.099	ng		98
43) 2,4,6-Trichlorophenol	12.874	196	516299	52.470	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	560687	51.850	ng		96
46) 1,1'-Biphenyl	13.280	154	2092734	50.019	ng		99
47) 2-Chloronaphthalene	13.316	162	1472675	45.494	ng		98
48) 2-Nitroaniline	13.516	65	354357	42.076	ng		97
49) Acenaphthylene	14.163	152	2164861	45.354	ng		99
50) Dimethylphthalate	13.904	163	1656482	42.057	ng		100
51) 2,6-Dinitrotoluene	14.015	165	336511	49.375	ng		89
52) Acenaphthene	14.510	154	1543924m	48.730	ng		
53) 3-Nitroaniline	14.345	138	180410	25.999	ng	#	95
54) 2,4-Dinitrophenol	14.545	184	367278	114.200	ng	#	72
55) Dibenzofuran	14.845	168	2120997	42.043	ng		98
56) 4-Nitrophenol	14.663	139	617670	105.596	ng		92
57) 2,4-Dinitrotoluene	14.798	165	462718	48.429	ng		90
58) Fluorene	15.492	166	1838140	42.592	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.068	232	449861	49.241	ng		95
60) Diethylphthalate	15.268	149	1562473	39.473	ng		100
61) 4-Chlorophenyl-phenyle...	15.486	204	988503	43.034	ng		98
62) 4-Nitroaniline	15.504	138	344609	39.221	ng		98
63) Azobenzene	15.780	77	1504557	36.416	ng		96
65) 4,6-Dinitro-2-methylph...	15.562	198	217520	64.303	ng		91
66) n-Nitrosodiphenylamine	15.698	169	1420690	45.098	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	520131	44.820	ng		96
68) Hexachlorobenzene	16.498	284	587890	44.138	ng		97
69) Atrazine	16.651	200	531126	56.717	ng		98
70) Pentachlorophenol	16.839	266	793670	87.487	ng		99
71) Phenanthrene	17.227	178	2532660	44.505	ng		100
72) Anthracene	17.315	178	2546464	45.192	ng		100
73) Carbazole	17.586	167	2220071	44.890	ng		99
74) Di-n-butylphthalate	18.156	149	2456904	39.152	ng		100
75) Fluoranthene	19.239	202	2817946	42.296	ng		99
77) Benzidine	19.421	184	985607	120.042	ng		100
78) Pyrene	19.603	202	2928062	42.178	ng		100
80) Butylbenzylphthalate	20.509	149	948123	43.890	ng		90
81) Benzo(a)anthracene	21.403	228	2852577	45.397	ng		100
82) 3,3'-Dichlorobenzidine	21.327	252	632840	37.427	ng		100
83) Chrysene	21.468	228	2638247	44.815	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1496790	40.418	ng		99
85) Di-n-octyl phthalate	22.480	149	2255480	38.606	ng		95
87) Indeno(1,2,3-cd)pyrene	27.838	276	3286841	67.364	ng	#	96
88) Benzo(b)fluoranthene	23.485	252	2572685	41.858	ng		99
89) Benzo(k)fluoranthene	23.550	252	2669819	44.723	ng		98
90) Benzo(a)pyrene	24.297	252	2492512	51.173	ng	#	98
91) Dibenzo(a,h)anthracene	27.897	278	2706817	70.192	ng		97
92) Benzo(g,h,i)perylene	28.897	276	2534427	58.834	ng		97

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

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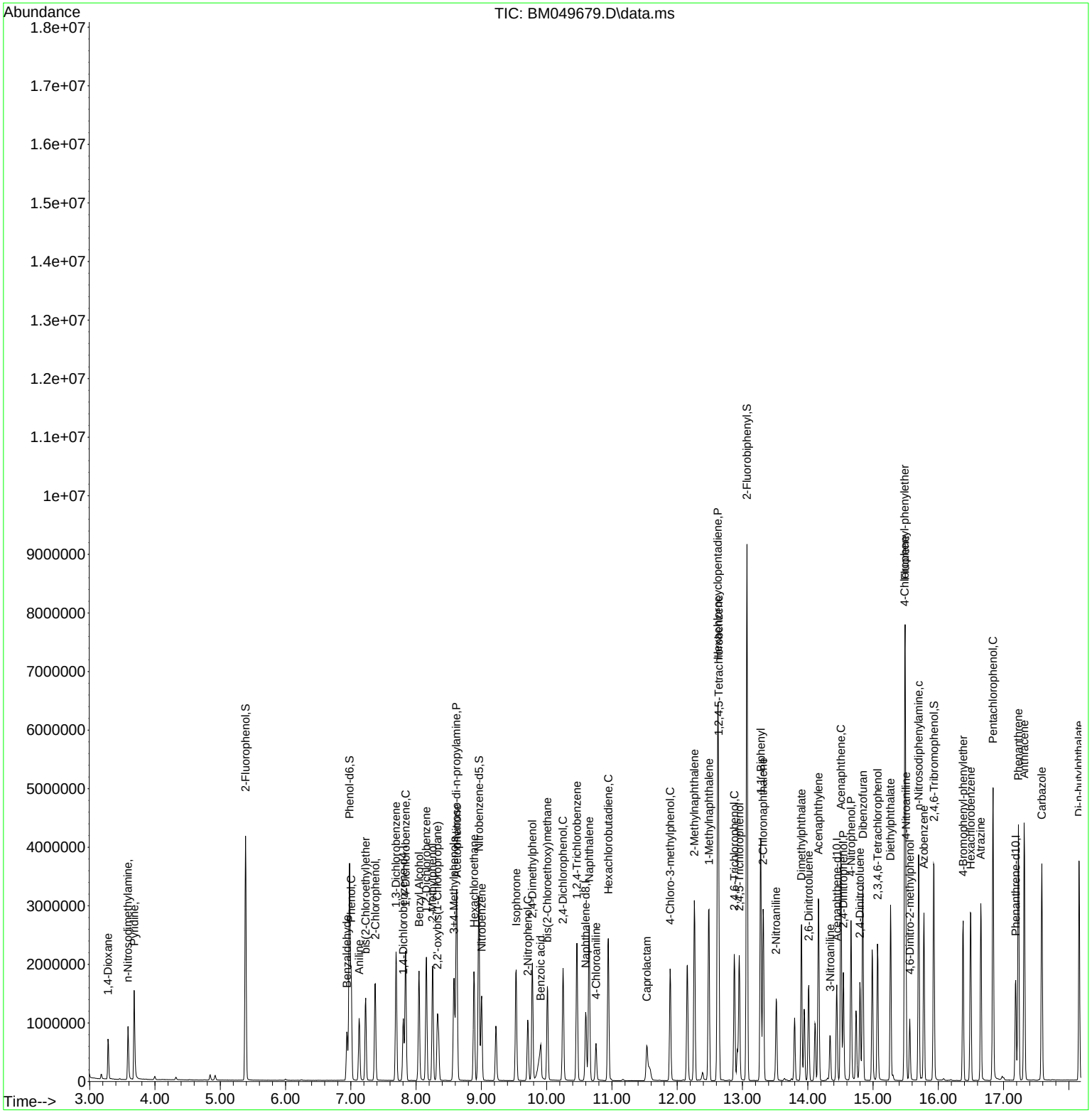

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