Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049835.D
Acq On : 07 Apr 2025 12:02
Operator : RC/JU
Sample : PB167457BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167457BS

Quant Time: Apr 07 12:42:13 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 14:55:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	302641	20.000	ng		-0.02
21) Naphthalene-d8	10.580	136	1057941	20.000	ng		-0.02
39) Acenaphthene-d10	14.427	164	655262	20.000	ng		-0.02
64) Phenanthrene-d10	17.168	188	1274582	20.000	ng		-0.02
76) Chrysene-d12	21.409	240	1227514	20.000	ng		-0.02
86) Perylene-d12	24.409	264	1340439	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	2603223	145.138	ng		-0.02
7) Phenol-d6	6.963	99	3170979	140.877	ng		-0.02
23) Nitrobenzene-d5	8.939	82	1848286	89.697	ng		-0.02
42) 2,4,6-Tribromophenol	15.915	330	1440540	188.269	ng		-0.02
45) 2-Fluorobiphenyl	13.051	172	4794312	91.632	ng		-0.02
79) Terphenyl-d14	19.792	244	7449014	102.259	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	310954	40.048	ng		97
3) Pyridine	3.663	79	866549	43.700	ng		98
4) n-Nitrosodimethylamine	3.569	42	361709	41.226	ng		88
6) Aniline	7.110	93	970965	51.489	ng		97
8) 2-Chlorophenol	7.351	128	960731	54.090	ng		97
9) Benzaldehyde	6.922	77	531809	47.792	ng		98
10) Phenol	6.987	94	1135143	52.010	ng		94
11) bis(2-Chloroethyl)ether	7.204	93	889584	50.333	ng		98
12) 1,3-Dichlorobenzene	7.675	146	1117467	51.770	ng		98
13) 1,4-Dichlorobenzene	7.822	146	1123597	51.598	ng		97
14) 1,2-Dichlorobenzene	8.139	146	1077518	52.066	ng		98
15) Benzyl Alcohol	8.022	79	764536	54.125	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.310	45	1026287m	49.406	ng		
17) 2-Methylphenol	8.234	107	733756	56.627	ng		96
18) Hexachloroethane	8.863	117	392683	51.064	ng		92
19) n-Nitroso-di-n-propyla...	8.592	70	642257	49.208	ng		97
20) 3+4-Methylphenols	8.557	107	982039	56.553	ng		97
22) Acetophenone	8.604	105	1296521	47.529	ng	#	98
24) Nitrobenzene	8.981	77	926570	47.688	ng		95
25) Isophorone	9.510	82	1731740	54.737	ng		98
26) 2-Nitrophenol	9.692	139	494383	59.782	ng		95
27) 2,4-Dimethylphenol	9.757	122	825041	78.378	ng		95
28) bis(2-Chloroethoxy)met...	9.992	93	1102948	49.498	ng		100
29) 2,4-Dichlorophenol	10.233	162	931527	54.309	ng		98
30) 1,2,4-Trichlorobenzene	10.445	180	1064144	49.587	ng		99
31) Naphthalene	10.628	128	2653033	48.769	ng		100
32) Benzoic acid	9.898	122	573772	64.092	ng		96
33) 4-Chloroaniline	10.733	127	498642	26.858	ng		98
34) Hexachlorobutadiene	10.922	225	668135	50.433	ng		100
35) Caprolactam	11.522	113	252703	63.457	ng		88
36) 4-Chloro-3-methylphenol	11.874	107	803565	54.591	ng		97
37) 2-Methylnaphthalene	12.245	142	1727651	45.418	ng		99
38) 1-Methylnaphthalene	12.463	142	1816645	49.500	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	1188547	49.381	ng		99
41) Hexachlorocyclopentadiene	12.598	237	1735350	194.615	ng		98
43) 2,4,6-Trichlorophenol	12.857	196	763484	56.637	ng		99

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44) 2,4,5-Trichlorophenol	12.933	196	828758	56.338	ng		97
46) 1,1'-Biphenyl	13.257	154	2488311	49.272	ng		99
47) 2-Chloronaphthalene	13.298	162	1986776	50.543	ng		99
48) 2-Nitroaniline	13.498	65	474795	53.805	ng		92
49) Acenaphthylene	14.151	152	3078171	56.023	ng		100
50) Dimethylphthalate	13.886	163	2369811	52.529	ng		99
51) 2,6-Dinitrotoluene	13.998	165	512724	56.720	ng		90
52) Acenaphthene	14.492	154	1788612	49.628	ng		98
53) 3-Nitroaniline	14.327	138	292564	34.011	ng		95
54) 2,4-Dinitrophenol	14.539	184	670138	103.811	ng	#	88
55) Dibenzofuran	14.827	168	2910751	48.468	ng		98
56) 4-Nitrophenol	14.651	139	935144	124.890	ng		88
57) 2,4-Dinitrotoluene	14.792	165	714379	61.416	ng		89
58) Fluorene	15.474	166	2421737	49.529	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	700873	56.918	ng		98
60) Diethylphthalate	15.251	149	2223354	52.327	ng		98
61) 4-Chlorophenyl-phenyle...	15.468	204	1309037	49.027	ng		97
62) 4-Nitroaniline	15.492	138	496912	48.508	ng		92
63) Azobenzene	15.762	77	1920304	47.315	ng		95
65) 4,6-Dinitro-2-methylph...	15.557	198	415746	57.020	ng		96
66) n-Nitrosodiphenylamine	15.686	169	2055011	53.215	ng		97
67) 4-Bromophenyl-phenylether	16.362	248	778250	52.885	ng		98
68) Hexachlorobenzene	16.480	284	882335	53.319	ng		98
69) Atrazine	16.633	200	755933	88.822	ng		100
70) Pentachlorophenol	16.827	266	1294388	124.467	ng		99
71) Phenanthrene	17.209	178	3712945	52.462	ng		100
72) Anthracene	17.304	178	3775589	55.085	ng		99
73) Carbazole	17.568	167	3426771	55.205	ng		100
74) Di-n-butylphthalate	18.139	149	3958932	58.189	ng		99
75) Fluoranthene	19.227	202	4411665	54.143	ng		99
77) Benzidine	19.409	184	2406945	163.212	ng		99
78) Pyrene	19.592	202	4541810	52.959	ng		100
80) Butylbenzylphthalate	20.492	149	1736401	65.242	ng		96
81) Benzo(a)anthracene	21.392	228	4431789	54.053	ng		100
82) 3,3'-Dichlorobenzidine	21.309	252	986523	36.957	ng		99
83) Chrysene	21.450	228	4125400	53.079	ng		100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2538850	61.209	ng		98
85) Di-n-octyl phthalate	22.450	149	4373488	67.839	ng		97
87) Indeno(1,2,3-cd)pyrene	27.803	276	5466399	56.659	ng		100
88) Benzo(b)fluoranthene	23.468	252	4380628	48.521	ng		99
89) Benzo(k)fluoranthene	23.527	252	4337874	48.829	ng		99
90) Benzo(a)pyrene	24.274	252	4244481	55.970	ng		99
91) Dibenzo(a,h)anthracene	27.862	278	4490850	55.869	ng		99
92) Benzo(g,h,i)perylene	28.868	276	4374612	54.030	ng		99

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

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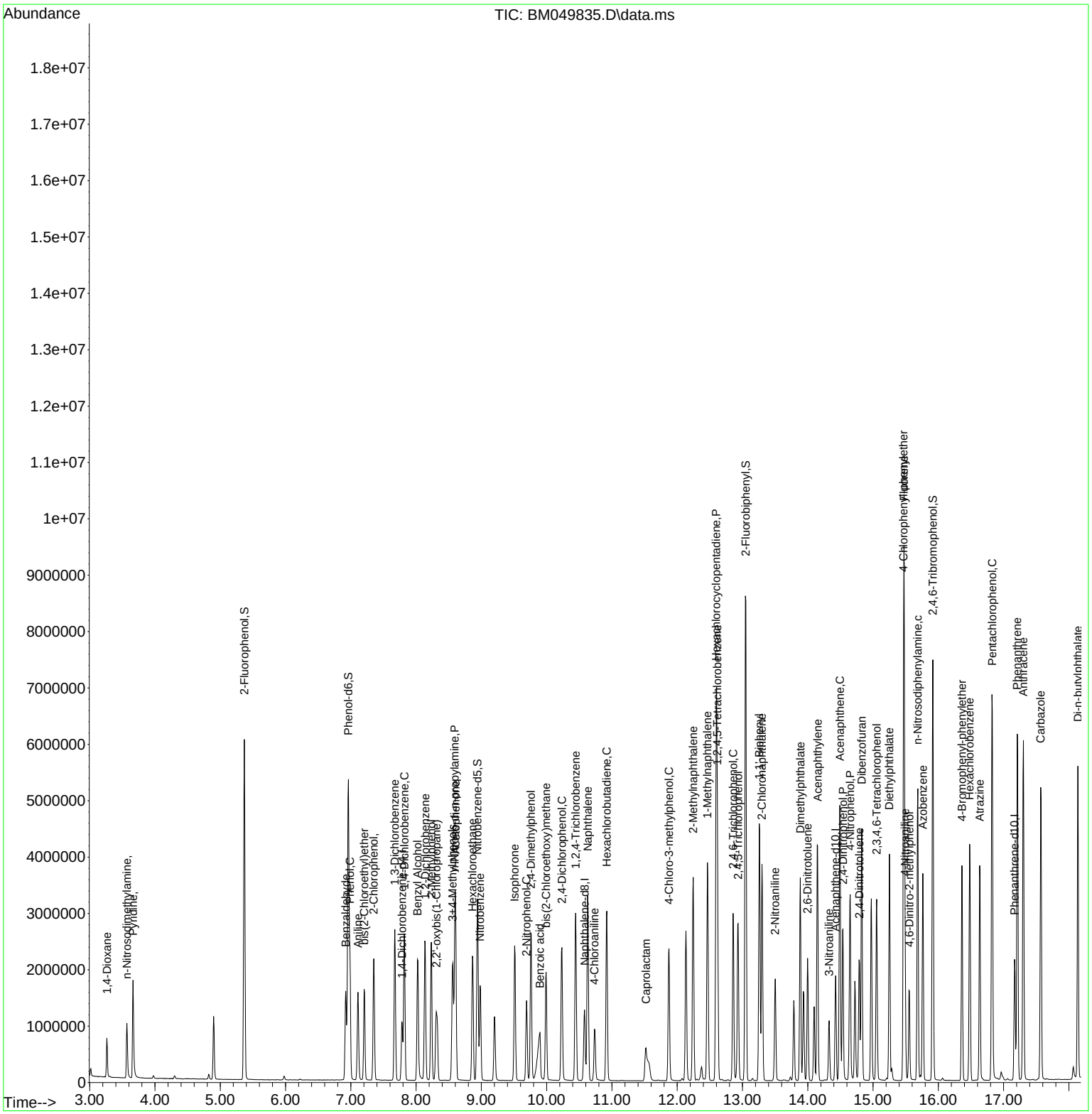

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