Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049862.D
Acq On : 09 Apr 2025 11:06
Operator : RC/JU
Sample : PB167521BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167521BSD

Quant Time: Apr 10 01:11:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	335066	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	1150025	20.000	ng		0.00
39) Acenaphthene-d10	14.415	164	735598	20.000	ng		0.00
64) Phenanthrene-d10	17.162	188	1446565	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1438522	20.000	ng		0.00
86) Perylene-d12	24.391	264	1424302	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	2462350	124.789	ng		0.00
7) Phenol-d6	6.951	99	3004228	122.370	ng		0.00
23) Nitrobenzene-d5	8.933	82	1745095	84.499	ng		0.00
42) 2,4,6-Tribromophenol	15.909	330	1453370	135.835	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	4580069	84.430	ng		0.00
79) Terphenyl-d14	19.786	244	7567987	98.593	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	289952	35.680	ng		99
3) Pyridine	3.657	79	810865	37.978	ng		98
4) n-Nitrosodimethylamine	3.563	42	341143	41.985	ng		96
6) Aniline	7.104	93	910625	43.288	ng		99
8) 2-Chlorophenol	7.345	128	896976	44.357	ng		99
9) Benzaldehyde	6.916	77	471360	37.414	ng		97
10) Phenol	6.981	94	1070288	44.674	ng		98
11) bis(2-Chloroethyl)ether	7.198	93	824742	43.899	ng		98
12) 1,3-Dichlorobenzene	7.669	146	1045388	43.726	ng		99
13) 1,4-Dichlorobenzene	7.810	146	1050000	43.648	ng		99
14) 1,2-Dichlorobenzene	8.128	146	1011408	44.638	ng		100
15) Benzyl Alcohol	8.016	79	696410	45.047	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	951860	45.456	ng		99
17) 2-Methylphenol	8.222	107	687637	46.576	ng		98
18) Hexachloroethane	8.857	117	363531	43.436	ng		97
19) n-Nitroso-di-n-propyla...	8.586	70	599988	44.125	ng		100
20) 3+4-Methylphenols	8.551	107	919992	45.707	ng		98
22) Acetophenone	8.598	105	1211222	43.337	ng	#	98
24) Nitrobenzene	8.975	77	866706	43.583	ng		99
25) Isophorone	9.504	82	1614808	46.675	ng		98
26) 2-Nitrophenol	9.686	139	457262	43.383	ng		99
27) 2,4-Dimethylphenol	9.751	122	763120	63.887	ng		98
28) bis(2-Chloroethoxy)met...	9.980	93	1026510	44.319	ng		99
29) 2,4-Dichlorophenol	10.222	162	879670	44.304	ng		99
30) 1,2,4-Trichlorobenzene	10.433	180	1007214	43.849	ng		100
31) Naphthalene	10.622	128	2487681	42.098	ng		99
32) Benzoic acid	9.886	122	500509	36.330	ng		99
33) 4-Chloroaniline	10.727	127	532920	25.540	ng		97
34) Hexachlorobutadiene	10.910	225	629806	44.327	ng		98
35) Caprolactam	11.510	113	240290	42.195	ng		93
36) 4-Chloro-3-methylphenol	11.863	107	759543	43.671	ng		99
37) 2-Methylnaphthalene	12.233	142	1628063	39.104	ng		99
38) 1-Methylnaphthalene	12.457	142	1708396	42.118	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1141788	44.368	ng		99
41) Hexachlorocyclopentadiene	12.592	237	1686714	187.047	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	727525	44.427	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	801550	45.042	ng	98
46) 1,1'-Biphenyl	13.251	154	2358457	43.130	ng	100
47) 2-Chloronaphthalene	13.292	162	1874993	43.626	ng	99
48) 2-Nitroaniline	13.492	65	456388	45.900	ng	98
49) Acenaphthylene	14.139	152	2942784	47.005	ng	100
50) Dimethylphthalate	13.874	163	2272895	43.798	ng	99
51) 2,6-Dinitrotoluene	13.992	165	493805	45.417	ng	99
52) Acenaphthene	14.480	154	1709875	42.938	ng	99
53) 3-Nitroaniline	14.321	138	278294	26.483	ng	98
54) 2,4-Dinitrophenol	14.527	184	670209	84.656	ng	97
55) Dibenzofuran	14.821	168	2780257	41.763	ng	98
56) 4-Nitrophenol	14.639	139	932568	99.585	ng	100
57) 2,4-Dinitrotoluene	14.780	165	697060	48.056	ng	98
58) Fluorene	15.468	166	2353879	44.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	682132	43.733	ng	99
60) Diethylphthalate	15.245	149	2135751	42.915	ng	99
61) 4-Chlorophenyl-phenyle...	15.462	204	1268642	44.717	ng	99
62) 4-Nitroaniline	15.486	138	485055	44.634	ng	99
63) Azobenzene	15.757	77	1821372	42.747	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	414097	45.427	ng	98
66) n-Nitrosodiphenylamine	15.674	169	1981248	45.767	ng	100
67) 4-Bromophenyl-phenylether	16.356	248	754789	44.947	ng	96
68) Hexachlorobenzene	16.474	284	878488	45.607	ng	99
69) Atrazine	16.627	200	740849	66.004	ng	99
70) Pentachlorophenol	16.815	266	1304253	91.972	ng	100
71) Phenanthrene	17.203	178	3640568	45.905	ng	100
72) Anthracene	17.292	178	3723016	47.636	ng	100
73) Carbazole	17.562	167	3395893	46.132	ng	100
74) Di-n-butylphthalate	18.133	149	3742613	44.141	ng	100
75) Fluoranthene	19.221	202	4385651	44.976	ng	99
77) Benzidine	19.403	184	2008454	105.243	ng	100
78) Pyrene	19.580	202	4546344	45.858	ng	99
80) Butylbenzylphthalate	20.480	149	1651961	44.345	ng	99
81) Benzo(a)anthracene	21.380	228	4441714	46.460	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	934995	25.897	ng	100
83) Chrysene	21.444	228	4103005	45.142	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	2393538	44.100	ng	99
85) Di-n-octyl phthalate	22.438	149	4015047	42.286	ng	100
87) Indeno(1,2,3-cd)pyrene	27.773	276	4976589	46.874	ng	99
88) Benzo(b)fluoranthene	23.450	252	4090414	44.967	ng	99
89) Benzo(k)fluoranthene	23.515	252	4161896	47.213	ng	99
90) Benzo(a)pyrene	24.256	252	3924916	49.102	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	4042770	46.229	ng	99
92) Benzo(g,h,i)perylene	28.832	276	3959871	44.312	ng	99

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

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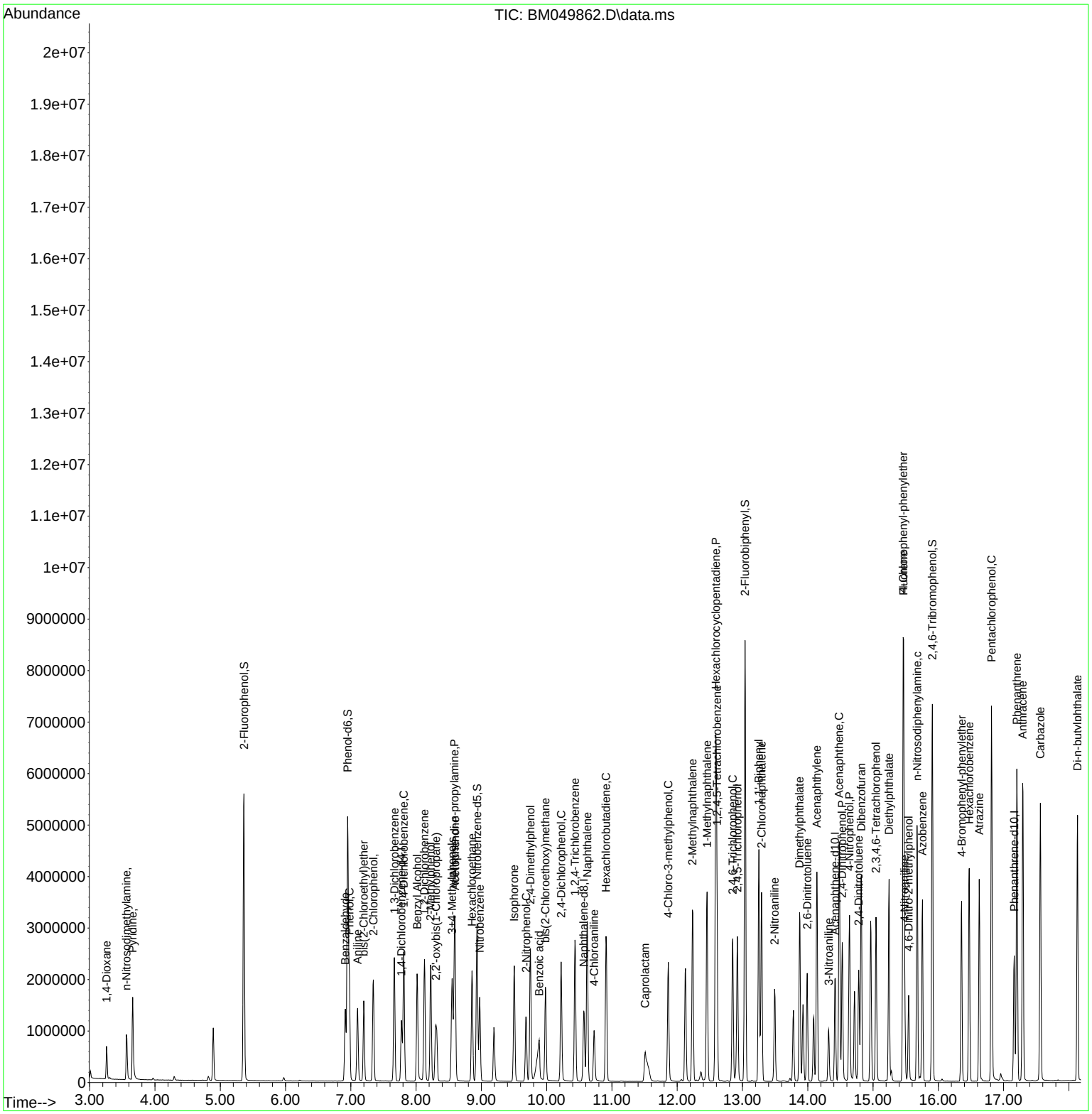

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