Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049897.D
Acq On : 11 Apr 2025 12:20
Operator : RC/JU
Sample : Q1761-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 13:05:58 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

Instrument :
BNA_M
ClientSampleId :
GST3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	398038	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1400227	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	921596	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1779577	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1521016	20.000	ng	0.00
86) Perylene-d12	24.391	264	1498756	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2620349	111.787	ng	0.00
7) Phenol-d6	6.957	99	3316422	113.715	ng	0.00
23) Nitrobenzene-d5	8.934	82	1826404	72.634	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1639606	122.313	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4944152	72.747	ng	0.00
79) Terphenyl-d14	19.786	244	7310413	90.072	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	396907	41.115	ng	99
3) Pyridine	3.657	79	1111515	43.823	ng	98
4) n-Nitrosodimethylamine	3.569	42	456107	47.253	ng	98
6) Aniline	7.104	93	951439	38.072	ng	99
8) 2-Chlorophenol	7.345	128	1238038	51.538	ng	100
9) Benzaldehyde	6.916	77	680086	45.441	ng	97
10) Phenol	6.981	94	1474293	51.802	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	1114829	49.951	ng	99
12) 1,3-Dichlorobenzene	7.669	146	1408845	49.606	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1414062	49.483	ng	99
14) 1,2-Dichlorobenzene	8.128	146	1358603	50.475	ng	100
15) Benzyl Alcohol	8.016	79	991685	53.999	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	1302003	52.340	ng	100
17) 2-Methylphenol	8.228	107	947495	54.024	ng	99
18) Hexachloroethane	8.857	117	490660	49.351	ng	96
19) n-Nitroso-di-n-propyla...	8.587	70	827807	51.248	ng	99
20) 3+4-Methylphenols	8.551	107	1296004	54.202	ng	99
22) Acetophenone	8.598	105	1640443	48.206	ng	100
24) Nitrobenzene	8.975	77	1178336	48.666	ng	97
25) Isophorone	9.504	82	2279301	54.110	ng	99
26) 2-Nitrophenol	9.686	139	659816	51.415	ng	99
27) 2,4-Dimethylphenol	9.751	122	1081365	74.353	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	1426247	50.575	ng	99
29) 2,4-Dichlorophenol	10.228	162	1258087	52.040	ng	98
30) 1,2,4-Trichlorobenzene	10.433	180	1373870	49.124	ng	99
31) Naphthalene	10.622	128	3398694	47.237	ng	99
32) Benzoic acid	9.904	122	792138m	44.664	ng	
33) 4-Chloroaniline	10.728	127	415897	16.370	ng	98
34) Hexachlorobutadiene	10.910	225	872371	50.428	ng	99
35) Caprolactam	11.522	113	347822	50.164	ng	96
36) 4-Chloro-3-methylphenol	11.869	107	1109094	52.374	ng	98
37) 2-Methylnaphthalene	12.233	142	2290574	45.186	ng	99
38) 1-Methylnaphthalene	12.457	142	2410802	48.815	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1613836	50.054	ng	99
41) Hexachlorocyclopentadiene	12.592	237	2158702	191.075	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	1075090	52.401	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	1170147	52.484	ng	99
46) 1,1'-Biphenyl	13.251	154	3363229	49.092	ng	100
47) 2-Chloronaphthalene	13.292	162	2643920	49.101	ng	99
48) 2-Nitroaniline	13.498	65	643988	51.696	ng	99
49) Acenaphthylene	14.139	152	4197613	53.517	ng	99
50) Dimethylphthalate	13.880	163	3273425	50.347	ng	99
51) 2,6-Dinitrotoluene	13.992	165	708816	52.035	ng	100
52) Acenaphthene	14.486	154	2450799	49.122	ng	99
53) 3-Nitroaniline	14.321	138	290745	22.083	ng	92
54) 2,4-Dinitrophenol	14.533	184	862493	86.760	ng	95
55) Dibenzofuran	14.821	168	3997202	47.926	ng	98
56) 4-Nitrophenol	14.645	139	1255789	107.036	ng	99
57) 2,4-Dinitrotoluene	14.786	165	984271	54.162	ng	95
58) Fluorene	15.468	166	3312023	49.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	991195	50.723	ng	97
60) Diethylphthalate	15.245	149	3055827	49.010	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	1828146	51.433	ng	98
62) 4-Nitroaniline	15.486	138	652892	47.953	ng	99
63) Azobenzene	15.757	77	2915396	54.614	ng	96
65) 4,6-Dinitro-2-methylph...	15.551	198	557624	49.725	ng	97
66) n-Nitrosodiphenylamine	15.680	169	2818922	52.931	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	1121321	54.278	ng	95
68) Hexachlorobenzene	16.474	284	1280020	54.018	ng	99
69) Atrazine	16.633	200	1041186	75.403	ng	97
70) Pentachlorophenol	16.815	266	1777954	101.914	ng	99
71) Phenanthrene	17.204	178	5014269	51.395	ng	100
72) Anthracene	17.298	178	5118456	53.236	ng	100
73) Carbazole	17.562	167	4537431	50.105	ng	99
74) Di-n-butylphthalate	18.133	149	5207201	49.922	ng	100
75) Fluoranthene	19.221	202	5833029	48.625	ng	99
77) Benzidine	19.403	184	2195825	108.820	ng	100
78) Pyrene	19.586	202	5876662	56.061	ng	99
80) Butylbenzylphthalate	20.480	149	2147355	54.517	ng	99
81) Benzo(a)anthracene	21.380	228	5371938	53.142	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	998618	26.159	ng	99
83) Chrysene	21.445	228	4869666	50.671	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	3032341	52.840	ng	98
85) Di-n-octyl phthalate	22.439	149	5028056	50.083	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	5782529	51.760	ng	99
88) Benzo(b)fluoranthene	23.450	252	4790847	50.051	ng	99
89) Benzo(k)fluoranthene	23.515	252	4889726	52.714	ng	99
90) Benzo(a)pyrene	24.262	252	4626971	55.010	ng	98
91) Dibenzo(a,h)anthracene	27.838	278	4720792	51.301	ng	100
92) Benzo(g,h,i)perylene	28.844	276	4614103	49.068	ng	99

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

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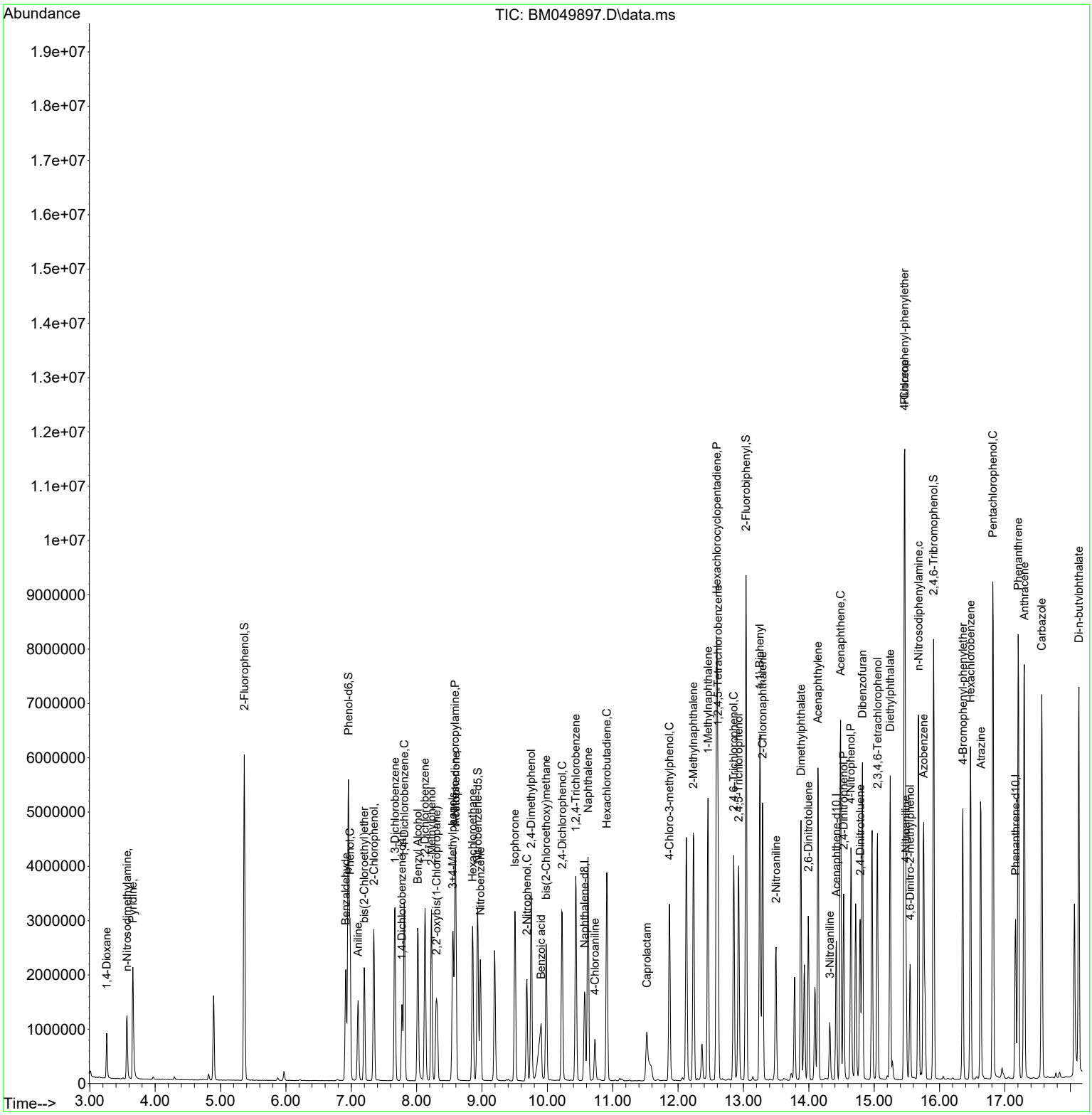

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