Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049711.D
Acq On : 13 Mar 2025 12:19
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 13 14:42:28 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

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	343156	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	1142867	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	676067	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1230919	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1192033	20.000	ng		0.00
86) Perylene-d12	24.439	264	1121126	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	2126098	104.542	ng		0.00
7) Phenol-d6	6.981	99	2664041	104.381	ng		0.00
23) Nitrobenzene-d5	8.963	82	2304709	103.536	ng		0.00
42) 2,4,6-Tribromophenol	15.933	330	911616	115.476	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	5733658	106.213	ng		0.00
79) Terphenyl-d14	19.809	244	8058803	113.924	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	439502	49.921	ng		99
3) Pyridine	3.687	79	1121278m	49.807	ng		
4) n-Nitrosodimethylamine	3.593	42	501117	50.371	ng		99
6) Aniline	7.140	93	1069294	50.009	ng		99
8) 2-Chlorophenol	7.375	128	1037349	51.508	ng		99
9) Benzaldehyde	6.946	77	587735	46.582	ng		98
10) Phenol	7.010	94	1267748	51.228	ng		97
11) bis(2-Chloroethyl)ether	7.234	93	1010944	50.446	ng		99
12) 1,3-Dichlorobenzene	7.698	146	1254499	51.256	ng		99
13) 1,4-Dichlorobenzene	7.846	146	1252803	50.739	ng		99
14) 1,2-Dichlorobenzene	8.163	146	1198091	51.057	ng		99
15) Benzyl Alcohol	8.046	79	838336	52.343	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	1173127	49.807	ng		99
17) 2-Methylphenol	8.257	107	763369	51.956	ng		99
18) Hexachloroethane	8.893	117	447960	51.375	ng		94
19) n-Nitroso-di-n-propyla...	8.616	70	773184	52.245	ng		98
20) 3+4-Methylphenols	8.581	107	1014565	51.528	ng		98
22) Acetophenone	8.628	105	1505469	51.088	ng	#	99
24) Nitrobenzene	9.004	77	1071054	51.028	ng		99
25) Isophorone	9.534	82	1769403	51.772	ng		100
26) 2-Nitrophenol	9.716	139	488752	54.709	ng		99
27) 2,4-Dimethylphenol	9.781	122	596007	52.413	ng		98
28) bis(2-Chloroethoxy)met...	10.016	93	1230419	51.115	ng		99
29) 2,4-Dichlorophenol	10.251	162	976969	52.725	ng		97
30) 1,2,4-Trichlorobenzene	10.469	180	1181673	50.972	ng		100
31) Naphthalene	10.651	128	3024467	51.466	ng		99
32) Benzoic acid	9.928	122	511116	52.834	ng		99
33) 4-Chloroaniline	10.763	127	1019020	50.809	ng		99
34) Hexachlorobutadiene	10.945	225	745756	52.109	ng		99
35) Caprolactam	11.545	113	226631	52.681	ng		96
36) 4-Chloro-3-methylphenol	11.892	107	825613	51.921	ng		99
37) 2-Methylnaphthalene	12.269	142	2099664	51.096	ng		99
38) 1-Methylnaphthalene	12.486	142	2032245	51.260	ng		99
40) 1,2,4,5-Tetrachloroben...	12.633	216	1320335	53.168	ng		99
41) Hexachlorocyclopentadiene	12.622	237	506457	55.050	ng		96
43) 2,4,6-Trichlorophenol	12.881	196	757946	54.496	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	807292	53.190	ng	99
46) 1,1'-Biphenyl	13.280	154	2715061	52.107	ng	100
47) 2-Chloronaphthalene	13.322	162	2103079	51.855	ng	99
48) 2-Nitroaniline	13.522	65	496484	54.532	ng	98
49) Acenaphthylene	14.169	152	2966785	52.334	ng	100
50) Dimethylphthalate	13.904	163	2369244	50.900	ng	100
51) 2,6-Dinitrotoluene	14.016	165	487346	52.253	ng	98
52) Acenaphthene	14.510	154	1935920	52.126	ng	100
53) 3-Nitroaniline	14.345	138	468558	52.794	ng	98
54) 2,4-Dinitrophenol	14.551	184	245877	49.851	ng	97
55) Dibenzofuran	14.845	168	3181581	51.347	ng	99
56) 4-Nitrophenol	14.663	139	392805	50.845	ng	99
57) 2,4-Dinitrotoluene	14.804	165	640402	53.361	ng	99
58) Fluorene	15.492	166	2644175	52.414	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	665660	52.395	ng	99
60) Diethylphthalate	15.274	149	2261890	51.595	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	1471150	53.403	ng	99
62) 4-Nitroaniline	15.510	138	502155	47.589	ng	99
63) Azobenzene	15.780	77	2173983	51.918	ng	99
65) 4,6-Dinitro-2-methylph...	15.569	198	336162	49.773	ng	96
66) n-Nitrosodiphenylamine	15.704	169	1980682	53.109	ng	98
67) 4-Bromophenyl-phenylether	16.380	248	765956	53.896	ng	99
68) Hexachlorobenzene	16.498	284	842630	52.726	ng	99
69) Atrazine	16.651	200	302033	36.748	ng	99
70) Pentachlorophenol	16.839	266	524923	52.267	ng	98
71) Phenanthrene	17.227	178	3564661	52.153	ng	100
72) Anthracene	17.321	178	3519355	53.168	ng	100
73) Carbazole	17.586	167	3125864	52.143	ng	100
74) Di-n-butylphthalate	18.163	149	3583163	54.535	ng	99
75) Fluoranthene	19.245	202	4164429	52.921	ng	100
77) Benzidine	19.427	184	815052	56.913	ng	99
78) Pyrene	19.604	202	4375693	52.541	ng	99
80) Butylbenzylphthalate	20.509	149	1436857	55.594	ng	99
81) Benzo(a)anthracene	21.409	228	4214500	52.933	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	1413811	54.540	ng	100
83) Chrysene	21.468	228	3970998	52.613	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	2296803	57.022	ng	99
85) Di-n-octyl phthalate	22.480	149	3414666	54.543	ng	100
87) Indeno(1,2,3-cd)pyrene	27.850	276	4391909	54.427	ng	100
88) Benzo(b)fluoranthene	23.492	252	4015121	53.172	ng	99
89) Benzo(k)fluoranthene	23.556	252	3946464	53.113	ng	99
90) Benzo(a)pyrene	24.303	252	3392495	53.487	ng	99
91) Dibenzo(a,h)anthracene	27.909	278	3641852	54.170	ng	99
92) Benzo(g,h,i)perylene	28.915	276	3633253	53.651	ng	99

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

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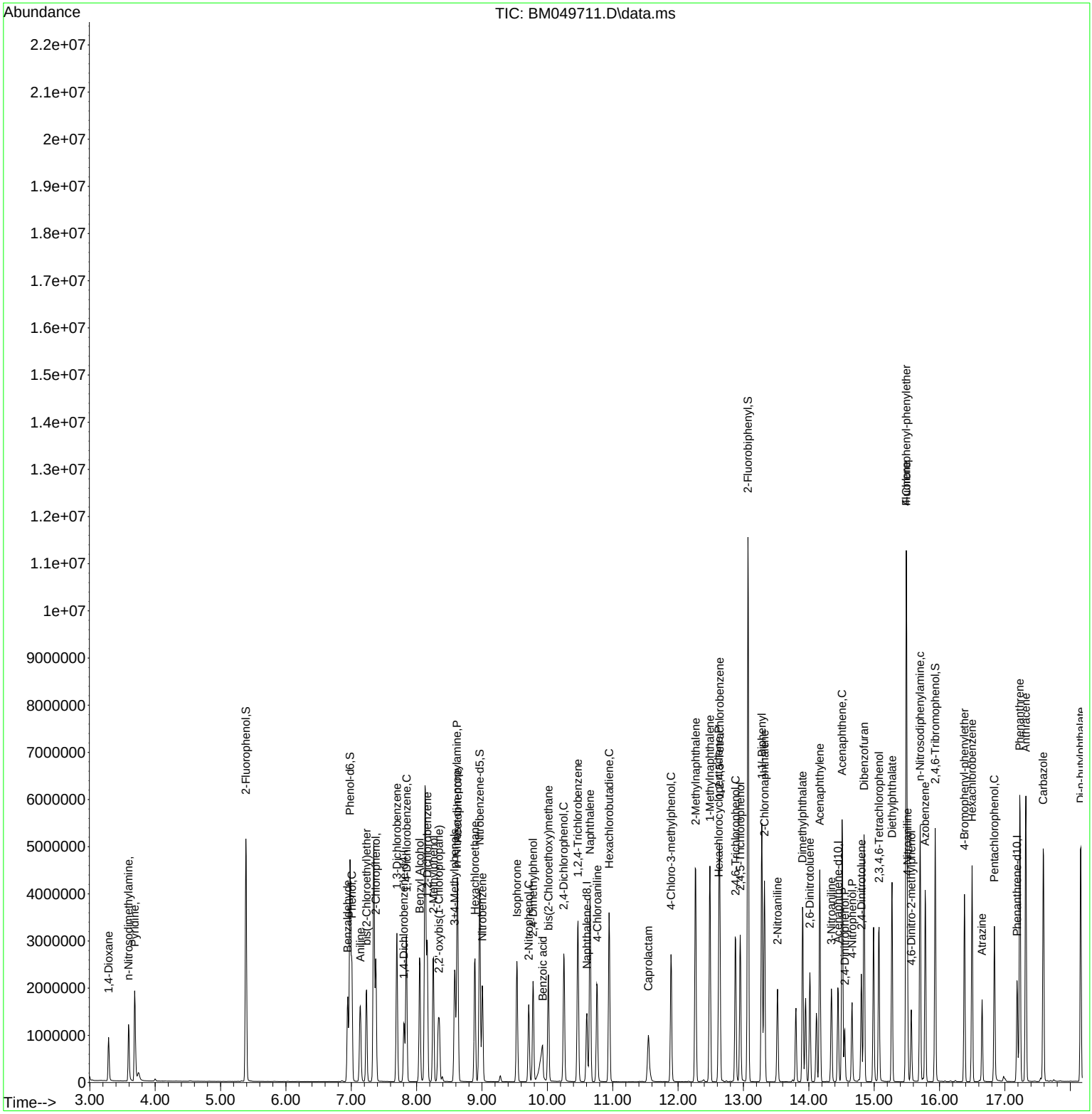

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