Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049712.D
Acq On : 13 Mar 2025 12:58
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 13 14:43:18 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 :
SSTDICC060

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	315799	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	1024759	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	618823	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1169651	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1173482	20.000	ng		0.00
86) Perylene-d12	24.438	264	1084370	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	2416717	129.126	ng		0.00
7) Phenol-d6	6.981	99	2994230	127.482	ng		0.00
23) Nitrobenzene-d5	8.963	82	2583706	129.447	ng		0.00
42) 2,4,6-Tribromophenol	15.933	330	1073944	148.622	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	6475865	131.059	ng		0.00
79) Terphenyl-d14	19.809	244	9673323	138.909	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	500669	61.795	ng		99
3) Pyridine	3.687	79	1281013m	61.832	ng		
4) n-Nitrosodimethylamine	3.593	42	568214	62.064	ng		99
6) Aniline	7.140	93	1180576	59.996	ng		99
8) 2-Chlorophenol	7.375	128	1161936	62.692	ng		99
9) Benzaldehyde	6.945	77	582373	50.156	ng		99
10) Phenol	7.010	94	1429401	62.763	ng		98
11) bis(2-Chloroethyl)ether	7.234	93	1137868	61.698	ng		99
12) 1,3-Dichlorobenzene	7.698	146	1393806	61.881	ng		99
13) 1,4-Dichlorobenzene	7.845	146	1404557	61.813	ng		99
14) 1,2-Dichlorobenzene	8.163	146	1324220	61.320	ng		98
15) Benzyl Alcohol	8.045	79	944038	64.048	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1292162	59.613	ng		100
17) 2-Methylphenol	8.257	107	851393	62.967	ng		99
18) Hexachloroethane	8.892	117	493239	61.468	ng		93
19) n-Nitroso-di-n-propyla...	8.616	70	865717	63.565	ng		99
20) 3+4-Methylphenols	8.581	107	1147270	63.315	ng		98
22) Acetophenone	8.628	105	1686019	63.809	ng	#	99
24) Nitrobenzene	9.004	77	1197256	63.615	ng		99
25) Isophorone	9.533	82	1988098	64.875	ng		99
26) 2-Nitrophenol	9.716	139	556011	69.411	ng		100
27) 2,4-Dimethylphenol	9.781	122	669470	65.658	ng		97
28) bis(2-Chloroethoxy)met...	10.016	93	1353615	62.714	ng		100
29) 2,4-Dichlorophenol	10.257	162	1085297	65.322	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	1314305	63.227	ng		99
31) Naphthalene	10.651	128	3372239	63.997	ng		100
32) Benzoic acid	9.933	122	611385	70.482	ng		98
33) 4-Chloroaniline	10.763	127	1140961	63.446	ng		99
34) Hexachlorobutadiene	10.945	225	820160	63.912	ng		98
35) Caprolactam	11.551	113	267177	69.264	ng		98
36) 4-Chloro-3-methylphenol	11.892	107	952831	66.827	ng		99
37) 2-Methylnaphthalene	12.269	142	2360362	64.061	ng		100
38) 1-Methylnaphthalene	12.486	142	2278919	64.106	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	1483366	65.259	ng		99
41) Hexachlorocyclopentadiene	12.622	237	557389	66.191	ng		97
43) 2,4,6-Trichlorophenol	12.880	196	863951	67.864	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	936029	67.377	ng	99
46) 1,1'-Biphenyl	13.280	154	3048618	63.921	ng	99
47) 2-Chloronaphthalene	13.321	162	2381008	64.138	ng	99
48) 2-Nitroaniline	13.521	65	578552	69.424	ng	99
49) Acenaphthylene	14.168	152	3384598	65.227	ng	99
50) Dimethylphthalate	13.910	163	2716983	63.771	ng	99
51) 2,6-Dinitrotoluene	14.021	165	563727	66.034	ng	95
52) Acenaphthene	14.510	154	2217160	65.221	ng	99
53) 3-Nitroaniline	14.345	138	556379	68.488	ng	98
54) 2,4-Dinitrophenol	14.551	184	295154	60.822	ng	97
55) Dibenzofuran	14.845	168	3632034	64.040	ng	99
56) 4-Nitrophenol	14.663	139	477486	67.524	ng	99
57) 2,4-Dinitrotoluene	14.804	165	763894	69.539	ng	99
58) Fluorene	15.492	166	3055405	66.168	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	777060	66.821	ng	100
60) Diethylphthalate	15.274	149	2576429	64.207	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	1674356	66.402	ng	98
62) 4-Nitroaniline	15.510	138	598859	60.865	ng	97
63) Azobenzene	15.780	77	2482118	64.760	ng	100
65) 4,6-Dinitro-2-methylph...	15.568	198	417995	61.103	ng	96
66) n-Nitrosodiphenylamine	15.704	169	2302780	64.980	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	881819	65.299	ng	99
68) Hexachlorobenzene	16.498	284	986543	64.964	ng	99
70) Pentachlorophenol	16.839	266	647404	67.839	ng	98
71) Phenanthrene	17.227	178	4268082	65.716	ng	100
72) Anthracene	17.321	178	4187832	66.580	ng	100
73) Carbazole	17.592	167	3826935	67.182	ng	99
74) Di-n-butylphthalate	18.162	149	4214218	67.499	ng	99
75) Fluoranthene	19.245	202	5199093	69.531	ng	100
77) Benzidine	19.427	184	771546	54.727	ng	99
78) Pyrene	19.609	202	5421531	66.127	ng	100
80) Butylbenzylphthalate	20.509	149	1729836	67.988	ng	100
81) Benzo(a)anthracene	21.409	228	5145212	65.644	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	1687314	66.120	ng	99
83) Chrysene	21.474	228	4892160	65.843	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	2633480	66.414	ng	99
85) Di-n-octyl phthalate	22.480	149	3977588	64.539	ng	99
87) Indeno(1,2,3-cd)pyrene	27.856	276	5301272	67.923	ng	100
88) Benzo(b)fluoranthene	23.491	252	4904977	67.158	ng	100
89) Benzo(k)fluoranthene	23.556	252	4810286	66.934	ng	99
90) Benzo(a)pyrene	24.303	252	4164433	67.883	ng	99
91) Dibenzo(a,h)anthracene	27.909	278	4403728	67.722	ng	99
92) Benzo(g,h,i)perylene	28.915	276	4374098	66.781	ng	99

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

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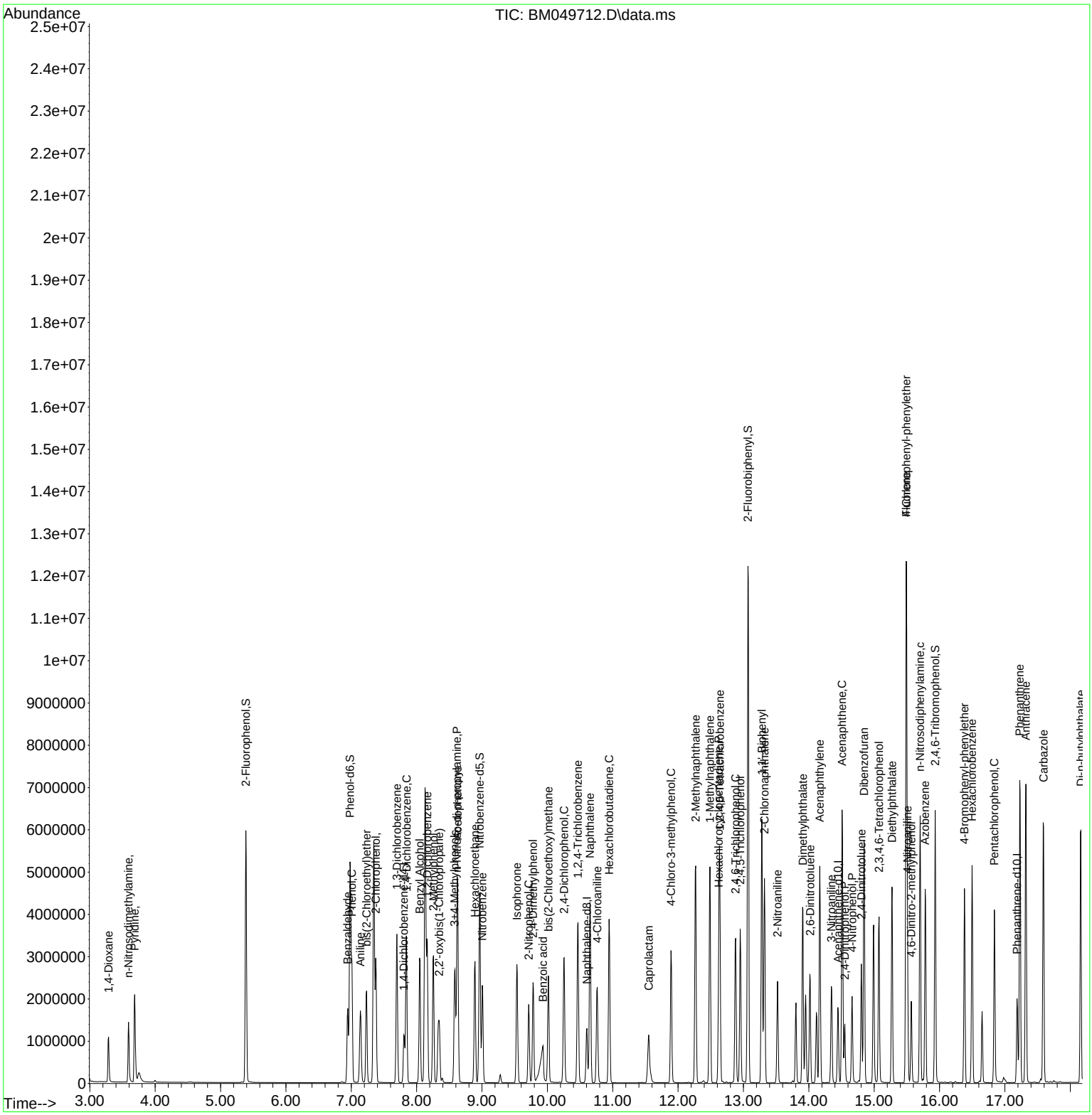

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