Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049829.D
Acq On : 04 Apr 2025 18:37
Operator : RC/JU
Sample : Q1721-02MS 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 22:55:52 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	319524	20.000	ng		-0.02
21) Naphthalene-d8	10.586	136	1159626	20.000	ng		-0.02
39) Acenaphthene-d10	14.433	164	781385	20.000	ng		-0.01
64) Phenanthrene-d10	17.174	188	1529677	20.000	ng		-0.01
76) Chrysene-d12	21.409	240	1412224	20.000	ng		-0.02
86) Perylene-d12	24.421	264	1622359	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	418789	22.115	ng		-0.02
7) Phenol-d6	6.957	99	546077	22.979	ng		-0.02
23) Nitrobenzene-d5	8.940	82	308148	13.643	ng		-0.02
42) 2,4,6-Tribromophenol	15.921	330	239914	26.294	ng		-0.01
45) 2-Fluorobiphenyl	13.051	172	825667	13.234	ng		-0.02
79) Terphenyl-d14	19.792	244	1059271	12.640	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	66853	8.155	ng		98
3) Pyridine	3.675	79	183862	8.782	ng		99
4) n-Nitrosodimethylamine	3.581	42	76115	8.217	ng	#	89
6) Aniline	7.116	93	186618	9.373	ng		97
8) 2-Chlorophenol	7.357	128	224696	11.982	ng		95
9) Benzaldehyde	6.928	77	130538	11.111	ng		96
10) Phenol	6.987	94	268619	11.657	ng		93
11) bis(2-Chloroethyl)ether	7.210	93	204738	10.972	ng		97
12) 1,3-Dichlorobenzene	7.681	146	259456	11.385	ng		97
13) 1,4-Dichlorobenzene	7.822	146	262534	11.419	ng		97
14) 1,2-Dichlorobenzene	8.140	146	255949	11.714	ng		99
15) Benzyl Alcohol	8.028	79	176093	11.808	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.316	45	246141	11.223	ng		97
17) 2-Methylphenol	8.234	107	175222	12.808	ng		96
18) Hexachloroethane	8.869	117	85003	10.470	ng		91
19) n-Nitroso-di-n-propyla...	8.592	70	150144	10.896	ng		98
20) 3+4-Methylphenols	8.563	107	235777	12.860	ng		97
22) Acetophenone	8.610	105	310779	10.394	ng	#	97
24) Nitrobenzene	8.987	77	219802	10.321	ng		97
25) Isophorone	9.516	82	418827	12.077	ng		97
26) 2-Nitrophenol	9.698	139	107243	11.831	ng		98
27) 2,4-Dimethylphenol	9.763	122	200239	17.354	ng		94
28) bis(2-Chloroethoxy)met...	9.992	93	265971	10.889	ng		98
29) 2,4-Dichlorophenol	10.234	162	234314	12.463	ng		96
30) 1,2,4-Trichlorobenzene	10.445	180	266632	11.335	ng		98
31) Naphthalene	10.634	128	672084	11.271	ng		99
32) Benzoic acid	9.851	122	111866m	11.400	ng		
33) 4-Chloroaniline	10.739	127	168784	8.294	ng		97
34) Hexachlorobutadiene	10.922	225	167080	11.506	ng		98
35) Caprolactam	11.510	113	57620	13.200	ng		92
36) 4-Chloro-3-methylphenol	11.875	107	199134	12.342	ng		96
37) 2-Methylnaphthalene	12.251	142	454299	10.896	ng		99
38) 1-Methylnaphthalene	12.469	142	469772	11.678	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	302721	10.547	ng		99
41) Hexachlorocyclopentadiene	12.604	237	61649	5.798	ng		95
43) 2,4,6-Trichlorophenol	12.863	196	193074	12.011	ng		97

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44) 2,4,5-Trichlorophenol	12.933	196	214642	12.236	ng		98
46) 1,1'-Biphenyl	13.263	154	657119	10.912	ng		98
47) 2-Chloronaphthalene	13.304	162	526831	11.239	ng		99
48) 2-Nitroaniline	13.504	65	116547	11.076	ng		94
49) Acenaphthylene	14.151	152	809698	12.358	ng		99
50) Dimethylphthalate	13.886	163	607903	11.300	ng		99
51) 2,6-Dinitrotoluene	14.004	165	119068	11.046	ng		91
52) Acenaphthene	14.498	154	498687	11.603	ng		99
53) 3-Nitroaniline	14.327	138	95660	9.326	ng	#	99
54) 2,4-Dinitrophenol	14.539	184	30528	9.666	ng		97
55) Dibenzofuran	14.827	168	813576	11.361	ng		100
56) 4-Nitrophenol	14.651	139	221020	24.753	ng		90
57) 2,4-Dinitrotoluene	14.792	165	163120	11.760	ng		92
58) Fluorene	15.480	166	692161	11.871	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	176794m	12.040	ng		
60) Diethylphthalate	15.251	149	585778	11.561	ng		99
61) 4-Chlorophenyl-phenyle...	15.474	204	332632	10.447	ng		96
62) 4-Nitroaniline	15.492	138	106279	11.784	ng		90
63) Azobenzene	15.768	77	538207	11.121	ng		93
65) 4,6-Dinitro-2-methylph...	15.557	198	27336	6.849	ng		87
66) n-Nitrosodiphenylamine	15.686	169	552434	11.920	ng		97
67) 4-Bromophenyl-phenylether	16.368	248	201975	11.436	ng		99
68) Hexachlorobenzene	16.486	284	232143	11.689	ng		99
69) Atrazine	16.639	200	195957	19.185	ng		99
70) Pentachlorophenol	16.827	266	297614	23.846	ng		99
71) Phenanthrene	17.215	178	1315428	15.487	ng		100
72) Anthracene	17.304	178	1074203	13.059	ng		100
73) Carbazole	17.574	167	924533	12.410	ng		100
74) Di-n-butylphthalate	18.145	149	1050840	12.870	ng		99
75) Fluoranthene	19.233	202	1412660	14.446	ng		99
77) Benzidine	19.409	184	668659	39.411	ng		99
78) Pyrene	19.592	202	1398205	14.171	ng		99
80) Butylbenzylphthalate	20.492	149	450830	14.723	ng		98
81) Benzo(a)anthracene	21.392	228	1245757	13.207	ng		99
82) 3,3'-Dichlorobenzidine	21.315	252	369370	12.027	ng		99
83) Chrysene	21.450	228	1131306	12.652	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	666803	13.973	ng		97
85) Di-n-octyl phthalate	22.450	149	1156643	15.595	ng		96
87) Indeno(1,2,3-cd)pyrene	27.809	276	1438682	12.321	ng		100
88) Benzo(b)fluoranthene	23.468	252	1243499	11.380	ng	#	98
89) Benzo(k)fluoranthene	23.527	252	1172841	10.908	ng	#	97
90) Benzo(a)pyrene	24.274	252	1183985	12.900	ng		96
91) Dibenzo(a,h)anthracene	27.868	278	1139935	11.717	ng		97
92) Benzo(g,h,i)perylene	28.868	276	1183328	12.075	ng		98

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

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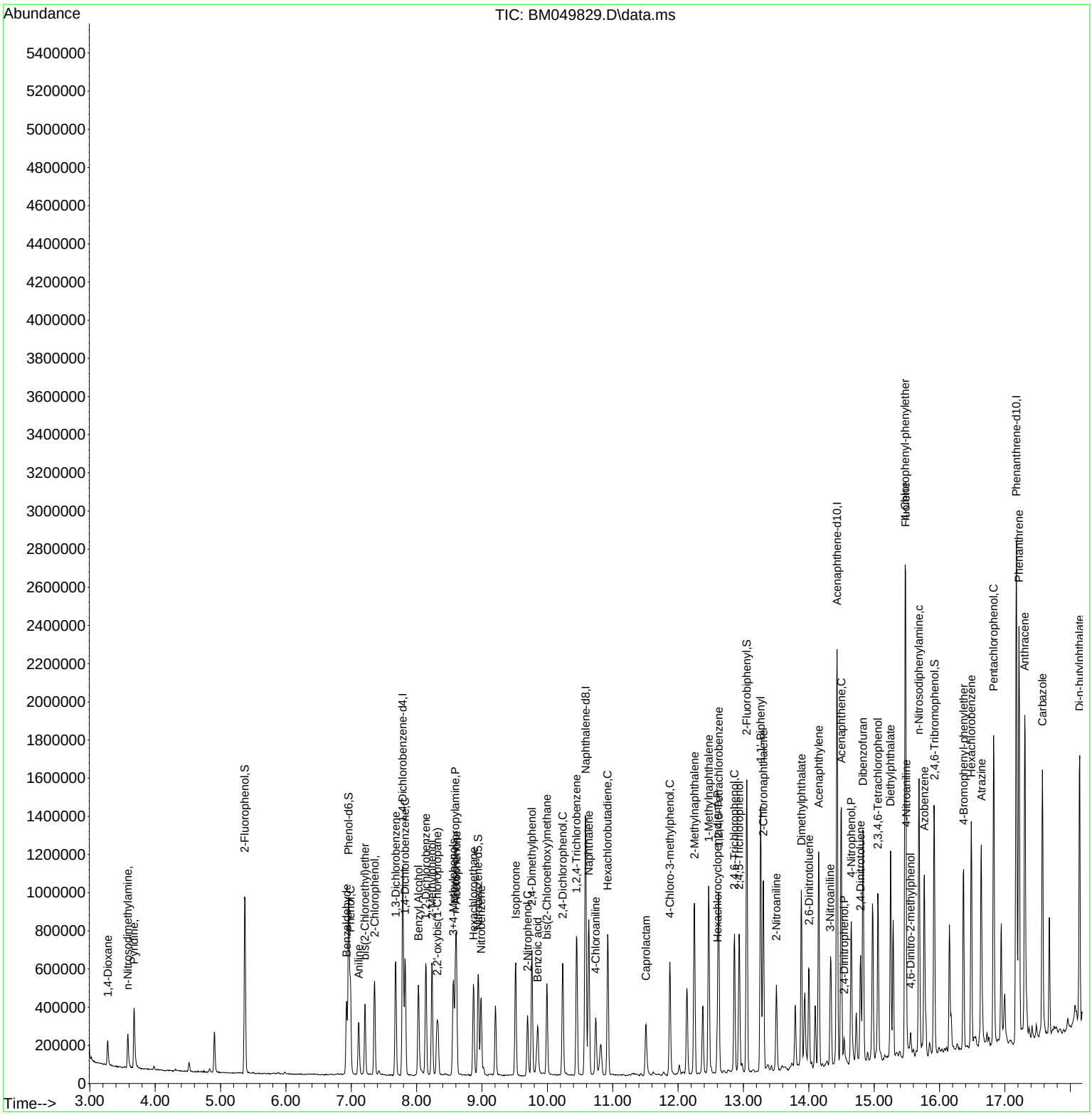

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