Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049823.D
Acq On : 04 Apr 2025 14:43
Operator : RC/JU
Sample : Q1694-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

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

Quant Time: Apr 04 15:18:29 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	283573	20.000	ng		-0.02
21) Naphthalene-d8	10.580	136	1050554	20.000	ng		-0.02
39) Acenaphthene-d10	14.427	164	720854	20.000	ng		-0.02
64) Phenanthrene-d10	17.168	188	1520332	20.000	ng		-0.02
76) Chrysene-d12	21.409	240	1576204	20.000	ng		-0.02
86) Perylene-d12	24.409	264	1548769	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1824127	108.540	ng		-0.02
7) Phenol-d6	6.963	99	2377363	112.721	ng		-0.02
23) Nitrobenzene-d5	8.939	82	1335950	65.289	ng		-0.02
42) 2,4,6-Tribromophenol	15.915	330	1248715	148.349	ng		-0.02
45) 2-Fluorobiphenyl	13.051	172	3608868	62.699	ng		-0.02
79) Terphenyl-d14	19.792	244	6913213	73.909	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	284937	39.165	ng		96
3) Pyridine	3.669	79	796105	42.847	ng		97
4) n-Nitrosodimethylamine	3.575	42	325138	39.549	ng		89
6) Aniline	7.110	93	1062499	60.132	ng		98
8) 2-Chlorophenol	7.351	128	867557	52.128	ng		97
9) Benzaldehyde	6.922	77	494417	47.420	ng		95
10) Phenol	6.987	94	1091167	53.357	ng		94
11) bis(2-Chloroethyl)ether	7.210	93	785473	47.431	ng		97
12) 1,3-Dichlorobenzene	7.675	146	948506	46.897	ng		97
13) 1,4-Dichlorobenzene	7.822	146	959517	47.026	ng		98
14) 1,2-Dichlorobenzene	8.139	146	923944	47.647	ng		99
15) Benzyl Alcohol	8.028	79	714722	54.001	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.310	45	917027m	47.114	ng		
17) 2-Methylphenol	8.234	107	692412	57.029	ng		97
18) Hexachloroethane	8.869	117	334390	46.408	ng		92
19) n-Nitroso-di-n-propyla...	8.592	70	611922	50.036	ng		98
20) 3+4-Methylphenols	8.557	107	947011	58.203	ng		96
22) Acetophenone	8.610	105	1221869	45.108	ng	#	97
24) Nitrobenzene	8.986	77	865318	44.849	ng		94
25) Isophorone	9.516	82	1672660	53.241	ng		97
26) 2-Nitrophenol	9.692	139	453197	55.187	ng		95
27) 2,4-Dimethylphenol	9.763	122	766529	73.332	ng		96
28) bis(2-Chloroethoxy)met...	9.992	93	1049451	47.428	ng		98
29) 2,4-Dichlorophenol	10.233	162	895421	52.571	ng		98
30) 1,2,4-Trichlorobenzene	10.445	180	953114	44.725	ng		100
31) Naphthalene	10.633	128	2457744	45.497	ng		100
32) Benzoic acid	9.898	122	603855	67.927	ng		93
33) 4-Chloroaniline	10.739	127	739977	40.138	ng		97
34) Hexachlorobutadiene	10.922	225	582683	44.292	ng		98
35) Caprolactam	11.522	113	271046	68.542	ng		89
36) 4-Chloro-3-methylphenol	11.874	107	837254	57.279	ng		99
37) 2-Methylnaphthalene	12.245	142	1663597	44.042	ng		99
38) 1-Methylnaphthalene	12.469	142	1765673	48.449	ng		96
40) 1,2,4,5-Tetrachloroben...	12.616	216	1133822	42.821	ng		99
41) Hexachlorocyclopentadiene	12.604	237	1446002	147.410	ng		97
43) 2,4,6-Trichlorophenol	12.857	196	776826	52.383	ng		97

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44) 2,4,5-Trichlorophenol	12.933	196	852479	52.678	ng	98
46) 1,1'-Biphenyl	13.263	154	2495189	44.912	ng	100
47) 2-Chloronaphthalene	13.304	162	1985404	45.912	ng	99
48) 2-Nitroaniline	13.504	65	515679	53.121	ng	92
49) Acenaphthylene	14.151	152	3184107	52.678	ng	99
50) Dimethylphthalate	13.886	163	2528429	50.945	ng	100
51) 2,6-Dinitrotoluene	14.004	165	545022	54.807	ng	87
52) Acenaphthene	14.492	154	1877545	47.355	ng	99
53) 3-Nitroaniline	14.327	138	424820	44.892	ng	97
54) 2,4-Dinitrophenol	14.539	184	703634	100.585	ng	89
55) Dibenzofuran	14.827	168	3056872	46.270	ng	98
56) 4-Nitrophenol	14.651	139	1055783	128.171	ng	88
57) 2,4-Dinitrotoluene	14.792	165	784641	61.318	ng	92
58) Fluorene	15.474	166	2642671	49.129	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	749437	55.324	ng	98
60) Diethylphthalate	15.257	149	2469491	52.831	ng	98
61) 4-Chlorophenyl-phenyle...	15.474	204	1418419	48.290	ng	99
62) 4-Nitroaniline	15.492	138	581201	51.336	ng	93
63) Azobenzene	15.762	77	2335486	52.309	ng	96
65) 4,6-Dinitro-2-methylph...	15.557	198	455938	53.480	ng	96
66) n-Nitrosodiphenylamine	15.686	169	2244807	48.733	ng	98
67) 4-Bromophenyl-phenylether	16.362	248	844608	48.117	ng	99
68) Hexachlorobenzene	16.480	284	970673	49.175	ng	98
69) Atrazine	16.639	200	851571	83.886	ng	99
70) Pentachlorophenol	16.827	266	1457616	117.507	ng	98
71) Phenanthrene	17.215	178	4183901	49.560	ng	99
72) Anthracene	17.304	178	4274084	52.278	ng	100
73) Carbazole	17.574	167	3957574	53.450	ng	99
74) Di-n-butylphthalate	18.139	149	4631002	57.065	ng	99
75) Fluoranthene	19.227	202	5152388	53.012	ng	99
77) Benzidine	19.409	184	2829956	149.444	ng	100
78) Pyrene	19.592	202	5374031	48.800	ng	100
80) Butylbenzylphthalate	20.492	149	2099221	61.425	ng	95
81) Benzo(a)anthracene	21.392	228	5306532	50.404	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	1237963	36.117	ng	99
83) Chrysene	21.450	228	4852225	48.620	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	3158643	59.305	ng	97
85) Di-n-octyl phthalate	22.450	149	5203980	62.864	ng	97
87) Indeno(1,2,3-cd)pyrene	27.797	276	5879076	52.740	ng	100
88) Benzo(b)fluoranthene	23.462	252	4870557	46.691	ng	100
89) Benzo(k)fluoranthene	23.527	252	4942475	48.151	ng	99
90) Benzo(a)pyrene	24.268	252	4630511	52.847	ng	99
91) Dibenzo(a,h)anthracene	27.856	278	4835039	52.060	ng	100
92) Benzo(g,h,i)perylene	28.862	276	4636283	49.559	ng	99

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

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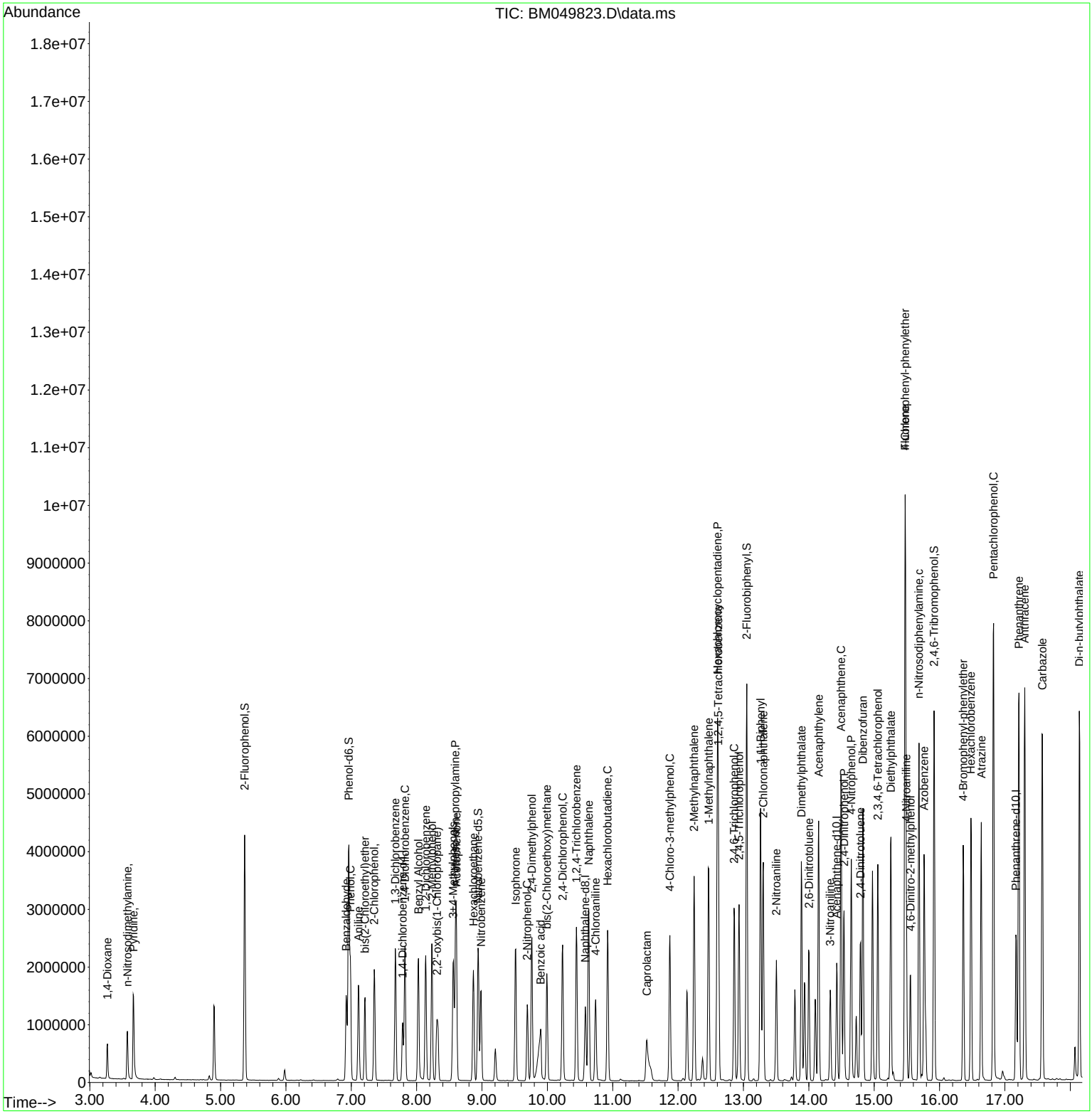

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