Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031225\
Data File : BM049703.D
Acq On : 12 Mar 2025 21:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM031225

Quant Time: Mar 13 01:54:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 01:48:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	454353	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	1551523	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	971209	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1840094	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1816236	20.000	ng		0.00
86) Perylene-d12	24.444	264	1674480	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	2029327	75.489	ng		0.00
7) Phenol-d6	6.981	99	2576829	72.248	ng		0.00
23) Nitrobenzene-d5	8.963	82	2185694	73.265	ng		0.00
42) 2,4,6-Tribromophenol	15.933	330	1031990	76.185	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	5923717	81.514	ng		0.00
79) Terphenyl-d14	19.815	244	8779072	82.175	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	415227	36.885	ng		97
3) Pyridine	3.681	79	1095394m	35.509	ng		
4) n-Nitrosodimethylamine	3.593	42	435134	33.478	ng		89
6) Aniline	7.140	93	1110074	36.709	ng		96
8) 2-Chlorophenol	7.375	128	1035267	37.778	ng		97
9) Benzaldehyde	6.946	77	571108	34.374	ng		97
10) Phenol	7.010	94	1239101	35.827	ng		96
11) bis(2-Chloroethyl)ether	7.234	93	988750	35.727	ng		99
12) 1,3-Dichlorobenzene	7.698	146	1233560	38.096	ng		98
13) 1,4-Dichlorobenzene	7.846	146	1239335	37.873	ng		98
14) 1,2-Dichlorobenzene	8.163	146	1189960	37.897	ng		97
15) Benzyl Alcohol	8.045	79	816668	35.157	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	1090094	33.779	ng		98
17) 2-Methylphenol	8.257	107	766948	36.649	ng		98
18) Hexachloroethane	8.892	117	428011	37.346	ng		96
19) n-Nitroso-di-n-propyla...	8.616	70	732001	34.164	ng		96
20) 3+4-Methylphenols	8.581	107	1040241	36.113	ng		97
22) Acetophenone	8.628	105	1492148	37.149	ng	#	97
24) Nitrobenzene	9.004	77	1031981	36.395	ng		98
25) Isophorone	9.534	82	1791773	36.497	ng		100
26) 2-Nitrophenol	9.716	139	514197	41.699	ng		93
27) 2,4-Dimethylphenol	9.781	122	625474	39.068	ng		99
28) bis(2-Chloroethoxy)met...	10.016	93	1233210	36.958	ng		99
29) 2,4-Dichlorophenol	10.257	162	1021254	39.745	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	1183996	38.468	ng		99
31) Naphthalene	10.651	128	3098142	38.680	ng		99
32) Benzoic acid	9.922	122	578485	38.833	ng		93
33) 4-Chloroaniline	10.763	127	1100056	38.297	ng		98
34) Hexachlorobutadiene	10.945	225	726766	38.687	ng		98
35) Caprolactam	11.545	113	256529	36.328	ng		97
36) 4-Chloro-3-methylphenol	11.892	107	874268	36.871	ng		99
37) 2-Methylnaphthalene	12.269	142	2200755	37.808	ng		98
38) 1-Methylnaphthalene	12.486	142	2135932	37.809	ng		100
40) 1,2,4,5-Tetrachloroben...	12.639	216	1347901	39.888	ng		99
41) Hexachlorocyclopentadiene	12.622	237	512335	42.035	ng		100
43) 2,4,6-Trichlorophenol	12.880	196	811561	41.064	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	872401	40.078	ng	98
46) 1,1'-Biphenyl	13.280	154	2893812	40.135	ng	99
47) 2-Chloronaphthalene	13.322	162	2241971	39.931	ng	99
48) 2-Nitroaniline	13.522	65	503794	37.504	ng	90
49) Acenaphthylene	14.169	152	3243706	39.995	ng	99
50) Dimethylphthalate	13.904	163	2623953	38.384	ng	99
51) 2,6-Dinitrotoluene	14.016	165	551267	39.956	ng	94
52) Acenaphthene	14.510	154	2107256	39.460	ng	99
53) 3-Nitroaniline	14.345	138	534250	39.626	ng	96
54) 2,4-Dinitrophenol	14.551	184	284599	39.245	ng	93
55) Dibenzofuran	14.845	168	3481083	38.946	ng	99
56) 4-Nitrophenol	14.663	139	453463	38.290	ng	94
57) 2,4-Dinitrotoluene	14.804	165	735045	39.972	ng	97
58) Fluorene	15.498	166	2848859	38.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.074	232	739352	38.976	ng	99
60) Diethylphthalate	15.274	149	2508303	38.271	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	1556345	38.411	ng	99
62) 4-Nitroaniline	15.510	138	563348	39.576	ng	95
63) Azobenzene	15.780	77	2237130	36.786	ng	98
65) 4,6-Dinitro-2-methylph...	15.569	198	396052	40.452	ng	97
66) n-Nitrosodiphenylamine	15.704	169	2245148	40.566	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	847333	39.726	ng	97
68) Hexachlorobenzene	16.498	284	943219	39.482	ng	99
69) Atrazine	16.651	200	483525	38.734	ng	97
70) Pentachlorophenol	16.839	266	610376	40.622	ng	98
71) Phenanthrene	17.233	178	4032031	39.848	ng	100
72) Anthracene	17.321	178	4007823	40.537	ng	100
73) Carbazole	17.592	167	3628830	39.637	ng	99
74) Di-n-butylphthalate	18.162	149	4120842	41.816	ng	100
75) Fluoranthene	19.245	202	4775884	40.403	ng	99
77) Benzidine	19.427	184	882611	53.093	ng	100
78) Pyrene	19.609	202	4923894	40.202	ng	99
80) Butylbenzylphthalate	20.509	149	1659566	41.973	ng	95
81) Benzo(a)anthracene	21.409	228	4696557	40.057	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	1541885	42.604	ng	99
83) Chrysene	21.474	228	4472518	40.778	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	2624454	44.136	ng	99
85) Di-n-octyl phthalate	22.486	149	4011974	40.941	ng	98
87) Indeno(1,2,3-cd)pyrene	27.850	276	4581158	41.615	ng	99
88) Benzo(b)fluoranthene	23.492	252	4326960	37.718	ng	100
89) Benzo(k)fluoranthene	23.556	252	4395877	39.367	ng	100
90) Benzo(a)pyrene	24.303	252	3693632	38.707	ng	100
91) Dibenzo(a,h)anthracene	27.909	278	3824359	41.640	ng	99
92) Benzo(g,h,i)perylene	28.915	276	3773360	41.611	ng	100

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

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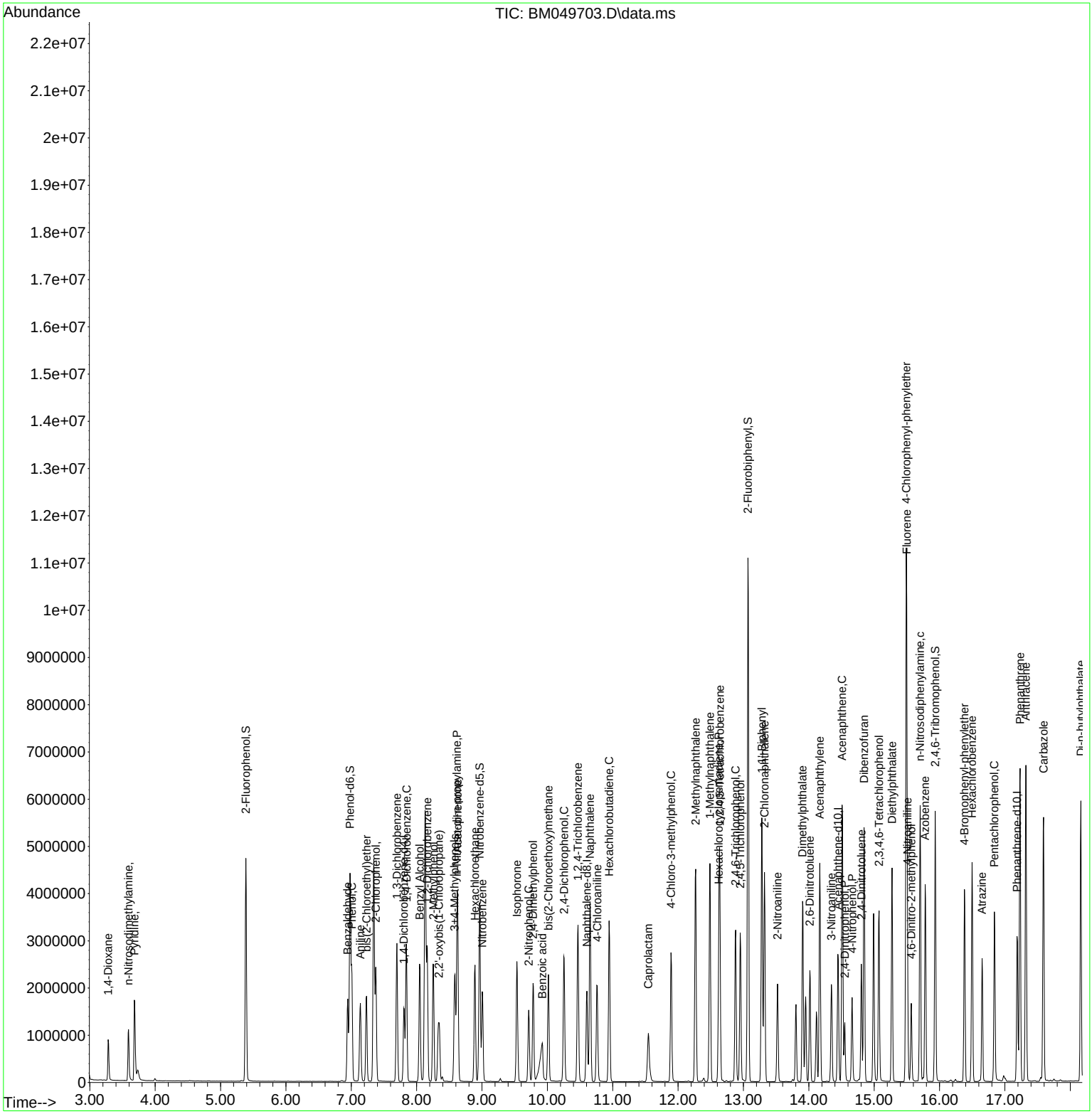

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