Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049859.D
Acq On : 09 Apr 2025 09:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 09 11:48:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	296698	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	1015269	20.000	ng		0.00
39) Acenaphthene-d10	14.422	164	639621	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1259632	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1253559	20.000	ng		0.00
86) Perylene-d12	24.397	264	1316817	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1419493	81.241	ng		0.00
7) Phenol-d6	6.951	99	1790241	82.351	ng		0.00
23) Nitrobenzene-d5	8.934	82	1503388	82.457	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	753144	80.953	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	3942276	83.577	ng		0.00
79) Terphenyl-d14	19.786	244	6133685	91.698	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	291398	40.495	ng		99
3) Pyridine	3.663	79	753004	39.829	ng		100
4) n-Nitrosodimethylamine	3.569	42	296600	41.224	ng		96
6) Aniline	7.104	93	796200	42.743	ng		99
8) 2-Chlorophenol	7.346	128	729446	40.737	ng		100
9) Benzaldehyde	6.916	77	392292	35.165	ng		99
10) Phenol	6.975	94	866162	40.829	ng		98
11) bis(2-Chloroethyl)ether	7.198	93	688177	41.367	ng		100
12) 1,3-Dichlorobenzene	7.669	146	862092	40.722	ng		98
13) 1,4-Dichlorobenzene	7.810	146	864579	40.588	ng		98
14) 1,2-Dichlorobenzene	8.128	146	818032	40.772	ng		100
15) Benzyl Alcohol	8.016	79	554408	40.500	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	759071	40.937	ng		100
17) 2-Methylphenol	8.222	107	532364	40.722	ng		99
18) Hexachloroethane	8.857	117	299242	40.379	ng		98
19) n-Nitroso-di-n-propyla...	8.581	70	502308	41.719	ng		99
20) 3+4-Methylphenols	8.551	107	720564	40.429	ng		98
22) Acetophenone	8.598	105	1012423	41.032	ng	#	99
24) Nitrobenzene	8.975	77	719142	40.963	ng		98
25) Isophorone	9.504	82	1237624	40.521	ng		99
26) 2-Nitrophenol	9.687	139	378566	40.684	ng		98
27) 2,4-Dimethylphenol	9.751	122	434235	41.179	ng		98
28) bis(2-Chloroethoxy)met...	9.981	93	846304	41.389	ng		98
29) 2,4-Dichlorophenol	10.222	162	706425	40.301	ng		99
30) 1,2,4-Trichlorobenzene	10.434	180	817401	40.309	ng		98
31) Naphthalene	10.622	128	2122646	40.688	ng		99
32) Benzoic acid	9.881	122	489631	39.334	ng		98
33) 4-Chloroaniline	10.728	127	770178	41.809	ng		99
34) Hexachlorobutadiene	10.910	225	510989	40.738	ng		99
35) Caprolactam	11.510	113	197131	39.211	ng		98
36) 4-Chloro-3-methylphenol	11.863	107	621964	40.507	ng		99
37) 2-Methylnaphthalene	12.233	142	1519024	41.327	ng		99
38) 1-Methylnaphthalene	12.457	142	1470447	41.064	ng		100
40) 1,2,4,5-Tetrachloroben...	12.610	216	923807	41.284	ng		99
41) Hexachlorocyclopentadiene	12.592	237	336985	42.977	ng		98
43) 2,4,6-Trichlorophenol	12.851	196	584357	41.039	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	627159	40.530	ng	99
46) 1,1'-Biphenyl	13.251	154	1974373	41.524	ng	99
47) 2-Chloronaphthalene	13.292	162	1532791	41.015	ng	99
48) 2-Nitroaniline	13.492	65	359600	41.593	ng	97
49) Acenaphthylene	14.139	152	2235881	41.073	ng	100
50) Dimethylphthalate	13.874	163	1858623	41.189	ng	99
51) 2,6-Dinitrotoluene	13.992	165	397040	41.996	ng	100
52) Acenaphthene	14.486	154	1425611	41.171	ng	99
53) 3-Nitroaniline	14.322	138	390179	42.701	ng	97
54) 2,4-Dinitrophenol	14.527	184	232138	38.069	ng	98
55) Dibenzofuran	14.816	168	2383415	41.175	ng	100
56) 4-Nitrophenol	14.633	139	347174	42.636	ng	98
57) 2,4-Dinitrotoluene	14.780	165	534617	42.388	ng	98
58) Fluorene	15.469	166	1918474	41.695	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	545791	40.243	ng	99
60) Diethylphthalate	15.245	149	1783776	41.221	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	1033755	41.905	ng	99
62) 4-Nitroaniline	15.480	138	405060	42.866	ng	98
63) Azobenzene	15.757	77	1547471	41.769	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	321288	40.477	ng	98
66) n-Nitrosodiphenylamine	15.674	169	1561601	41.426	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	598914	40.958	ng	98
68) Hexachlorobenzene	16.474	284	689312	41.097	ng	100
69) Atrazine	16.627	200	344885	35.286	ng	99
70) Pentachlorophenol	16.815	266	483011	39.115	ng	99
71) Phenanthrene	17.204	178	2860783	41.426	ng	100
72) Anthracene	17.292	178	2820342	41.442	ng	100
73) Carbazole	17.563	167	2656943	41.450	ng	100
74) Di-n-butylphthalate	18.133	149	3044210	41.232	ng	100
75) Fluoranthene	19.221	202	3503995	41.267	ng	99
77) Benzidine	19.404	184	1099441	66.111	ng	100
78) Pyrene	19.580	202	3626164	41.973	ng	99
80) Butylbenzylphthalate	20.486	149	1321828	40.718	ng	96
81) Benzo(a)anthracene	21.380	228	3439017	41.279	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	1270196	40.373	ng	100
83) Chrysene	21.445	228	3252778	41.068	ng	100
84) Bis(2-ethylhexyl)phtha...	21.309	149	1982392	41.914	ng	99
85) Di-n-octyl phthalate	22.445	149	3312050	40.029	ng	100
87) Indeno(1,2,3-cd)pyrene	27.774	276	3987202	40.621	ng	100
88) Benzo(b)fluoranthene	23.450	252	3418004	40.642	ng	100
89) Benzo(k)fluoranthene	23.515	252	3398151	41.696	ng	99
90) Benzo(a)pyrene	24.256	252	2996579	40.548	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	3274793	40.504	ng	100
92) Benzo(g,h,i)perylene	28.838	276	3330873	40.316	ng	99

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

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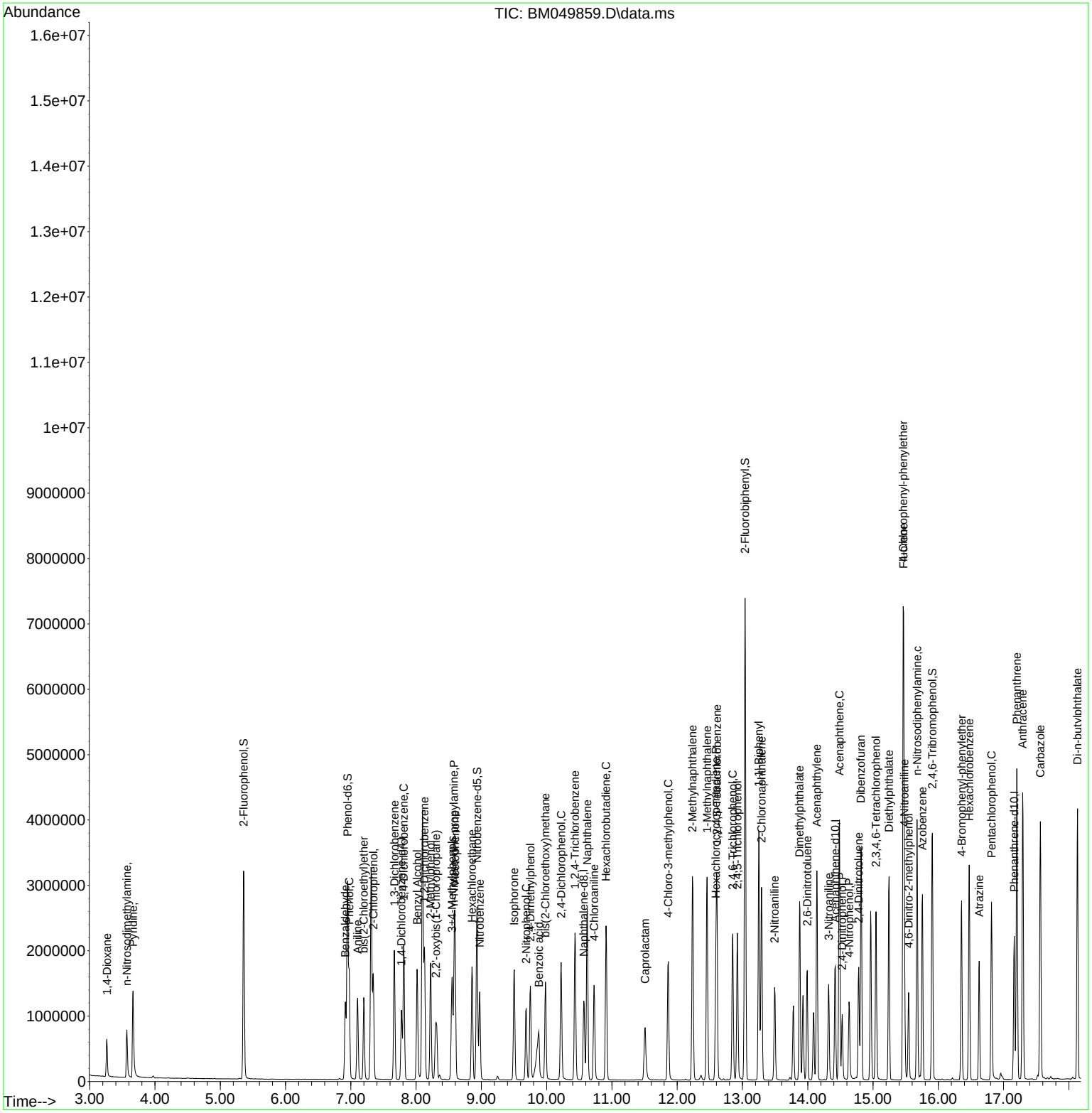

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