Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049876.D
Acq On : 10 Apr 2025 09:32
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 10 11:29:19 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	7.781	152	319220	20.000	ng		0.00
21) Naphthalene-d8	10.574	136	1042650	20.000	ng		0.00
39) Acenaphthene-d10	14.421	164	653251	20.000	ng		0.00
64) Phenanthrene-d10	17.162	188	1279702	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1240973	20.000	ng		0.00
86) Perylene-d12	24.397	264	1368352	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	1489448	79.230	ng		0.00
7) Phenol-d6	6.951	99	1835259	78.466	ng		0.00
23) Nitrobenzene-d5	8.933	82	1528609	81.639	ng		0.00
42) 2,4,6-Tribromophenol	15.909	330	771794	81.226	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	3980551	82.628	ng		0.00
79) Terphenyl-d14	19.786	244	5918915	89.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	303115	39.152	ng		99
3) Pyridine	3.663	79	796815	39.173	ng		98
4) n-Nitrosodimethylamine	3.569	42	307458	39.718	ng		95
6) Aniline	7.104	93	806150	40.224	ng		100
8) 2-Chlorophenol	7.345	128	758611	39.377	ng		99
9) Benzaldehyde	6.916	77	438868	36.564	ng		100
10) Phenol	6.981	94	896341	39.271	ng		98
11) bis(2-Chloroethyl)ether	7.204	93	704248	39.346	ng		99
12) 1,3-Dichlorobenzene	7.669	146	912645	40.069	ng		98
13) 1,4-Dichlorobenzene	7.816	146	911298	39.763	ng		99
14) 1,2-Dichlorobenzene	8.128	146	857096	39.705	ng		99
15) Benzyl Alcohol	8.016	79	578059	39.248	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.310	45	783113	39.254	ng		100
17) 2-Methylphenol	8.222	107	547247	38.907	ng		100
18) Hexachloroethane	8.857	117	312572	39.202	ng		97
19) n-Nitroso-di-n-propyla...	8.586	70	508773	39.274	ng		99
20) 3+4-Methylphenols	8.551	107	747832	38.998	ng		99
22) Acetophenone	8.598	105	1025739	40.480	ng	#	98
24) Nitrobenzene	8.975	77	725038	40.214	ng		97
25) Isophorone	9.504	82	1266219	40.369	ng		99
26) 2-Nitrophenol	9.686	139	396697	41.513	ng		99
27) 2,4-Dimethylphenol	9.751	122	445043	41.095	ng		100
28) bis(2-Chloroethoxy)met...	9.986	93	848995	40.430	ng		99
29) 2,4-Dichlorophenol	10.222	162	737969	40.995	ng		100
30) 1,2,4-Trichlorobenzene	10.439	180	853822	40.999	ng		100
31) Naphthalene	10.622	128	2168888	40.483	ng		100
32) Benzoic acid	9.886	122	507659	39.630	ng		98
33) 4-Chloroaniline	10.727	127	776309	41.035	ng		99
34) Hexachlorobutadiene	10.910	225	536216	41.626	ng		97
35) Caprolactam	11.510	113	201494	39.026	ng		98
36) 4-Chloro-3-methylphenol	11.863	107	632987	40.143	ng		100
37) 2-Methylnaphthalene	12.239	142	1541101	40.827	ng		99
38) 1-Methylnaphthalene	12.457	142	1487131	40.439	ng		100
40) 1,2,4,5-Tetrachloroben...	12.610	216	948924	41.521	ng		99
41) Hexachlorocyclopentadiene	12.592	237	348379	43.503	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	603479	41.497	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	651481	41.224	ng	98
46) 1,1'-Biphenyl	13.251	154	1989806	40.976	ng	99
47) 2-Chloronaphthalene	13.292	162	1556856	40.790	ng	99
48) 2-Nitroaniline	13.492	65	359891	40.758	ng	97
49) Acenaphthylene	14.139	152	2270125	40.832	ng	100
50) Dimethylphthalate	13.874	163	1875746	40.701	ng	99
51) 2,6-Dinitrotoluene	13.992	165	402852	41.722	ng	98
52) Acenaphthene	14.486	154	1444316	40.841	ng	99
53) 3-Nitroaniline	14.321	138	396394	42.476	ng	97
54) 2,4-Dinitrophenol	14.533	184	243202	38.865	ng	97
55) Dibenzofuran	14.821	168	2410617	40.776	ng	99
56) 4-Nitrophenol	14.639	139	343910	41.354	ng	98
57) 2,4-Dinitrotoluene	14.780	165	546172	42.400	ng	96
58) Fluorene	15.468	166	1910592	40.657	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	558780	40.341	ng	99
60) Diethylphthalate	15.245	149	1786820	40.430	ng	99
61) 4-Chlorophenyl-phenyle...	15.462	204	1022448	40.582	ng	99
62) 4-Nitroaniline	15.486	138	405788	42.047	ng	99
63) Azobenzene	15.756	77	1535782	40.588	ng	97
65) 4,6-Dinitro-2-methylph...	15.551	198	329580	40.870	ng	98
66) n-Nitrosodiphenylamine	15.674	169	1572499	41.061	ng	100
67) 4-Bromophenyl-phenylether	16.356	248	613620	41.305	ng	97
68) Hexachlorobenzene	16.474	284	700815	41.127	ng	98
69) Atrazine	16.627	200	427194	43.022	ng	99
70) Pentachlorophenol	16.815	266	498137	39.707	ng	99
71) Phenanthrene	17.203	178	2875162	40.981	ng	100
72) Anthracene	17.298	178	2843094	41.121	ng	99
73) Carbazole	17.562	167	2670007	41.001	ng	100
74) Di-n-butylphthalate	18.133	149	3096383	41.281	ng	100
75) Fluoranthene	19.221	202	3501102	40.587	ng	99
77) Benzidine	19.403	184	1135587	68.977	ng	99
78) Pyrene	19.586	202	3594146	42.024	ng	99
80) Butylbenzylphthalate	20.480	149	1352556	42.088	ng	100
81) Benzo(a)anthracene	21.380	228	3353051	40.656	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1301185	41.777	ng	100
83) Chrysene	21.444	228	3206035	40.889	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	1929348	41.206	ng	99
85) Di-n-octyl phthalate	22.438	149	3392272	41.414	ng	100
87) Indeno(1,2,3-cd)pyrene	27.785	276	4138430	40.573	ng	99
88) Benzo(b)fluoranthene	23.450	252	3467341	39.676	ng	100
89) Benzo(k)fluoranthene	23.515	252	3396697	40.108	ng	100
90) Benzo(a)pyrene	24.256	252	3095192	40.305	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	3392168	40.376	ng	100
92) Benzo(g,h,i)perylene	28.844	276	3473125	40.455	ng	100

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

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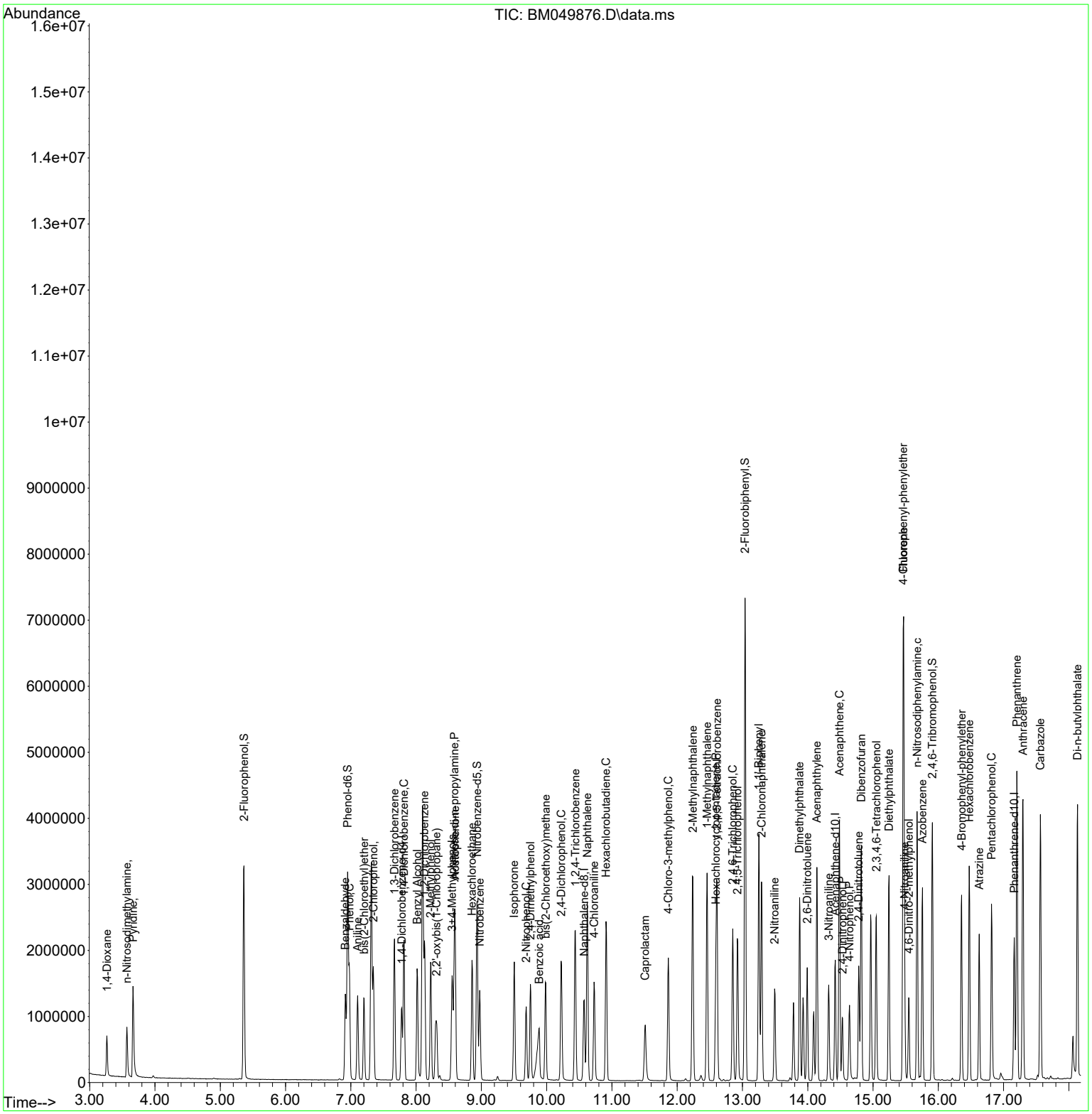

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