Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
Data File : BM050051.D
Acq On : 30 Apr 2025 18:41
Operator : RC/JU
Sample : Q1889-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2MSD

Quant Time: May 01 02:17:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	268621	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	952202	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	594823	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	1087317	20.000	ng		0.00
76) Chrysene-d12	21.391	240	1064603	20.000	ng		0.00
86) Perylene-d12	24.391	264	1079586	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1266343	82.550	ng		0.00
7) Phenol-d6	6.945	99	1608250	83.412	ng		0.00
23) Nitrobenzene-d5	8.922	82	945248	48.917	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	677184	76.994	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	2302564	45.793	ng		0.00
79) Terphenyl-d14	19.774	244	3228035	44.868	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	221021	33.603	ng		98
3) Pyridine	3.651	79	598540	35.417	ng		98
4) n-Nitrosodimethylamine	3.563	42	256302	38.669	ng		99
6) Aniline	7.092	93	367350	15.088	ng		99
8) 2-Chlorophenol	7.334	128	632596	38.140	ng		97
9) Benzaldehyde	6.910	77	291097	22.561	ng		97
10) Phenol	6.975	94	781463	40.036	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	601292	36.892	ng		99
12) 1,3-Dichlorobenzene	7.651	146	717886	35.830	ng		99
13) 1,4-Dichlorobenzene	7.798	146	729230	36.229	ng		99
14) 1,2-Dichlorobenzene	8.116	146	705691	36.295	ng		99
15) Benzyl Alcohol	8.010	79	507793	37.977	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.286	45	737337	37.217	ng		99
17) 2-Methylphenol	8.222	107	492742	38.320	ng		99
18) Hexachloroethane	8.839	117	260815	36.451	ng		98
19) n-Nitroso-di-n-propyla...	8.569	70	453356	36.662	ng		98
20) 3+4-Methylphenols	8.551	107	660161	38.017	ng		98
22) Acetophenone	8.586	105	891086	37.641	ng	#	98
24) Nitrobenzene	8.963	77	644561	38.577	ng		99
25) Isophorone	9.492	82	1201170	36.466	ng		98
26) 2-Nitrophenol	9.675	139	326061	38.199	ng		96
27) 2,4-Dimethylphenol	9.745	122	550372	38.880	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	766584	37.653	ng		100
29) 2,4-Dichlorophenol	10.228	162	616533	38.877	ng		100
30) 1,2,4-Trichlorobenzene	10.422	180	717222	37.121	ng		100
31) Naphthalene	10.604	128	1792852	37.179	ng		100
32) Benzoic acid	9.904	122	316166	34.922	ng		98
33) 4-Chloroaniline	10.733	127	163398	8.267	ng		99
34) Hexachlorobutadiene	10.892	225	456879	37.252	ng		99
35) Caprolactam	11.516	113	154454	33.403	ng		88
36) 4-Chloro-3-methylphenol	11.863	107	537050	36.655	ng		99
37) 2-Methylnaphthalene	12.222	142	1178033	36.437	ng		99
38) 1-Methylnaphthalene	12.439	142	1233882	36.063	ng		98
40) 1,2,4,5-Tetrachloroben...	12.598	216	817095	39.682	ng		99
41) Hexachlorocyclopentadiene	12.574	237	1072435	85.224	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	514624	39.404	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	551094	39.130	ng	99
46) 1,1'-Biphenyl	13.239	154	1724245	38.996	ng	100
47) 2-Chloronaphthalene	13.280	162	1363033	38.922	ng	99
48) 2-Nitroaniline	13.492	65	319598	38.885	ng	99
49) Acenaphthylene	14.127	152	2083866	37.741	ng	100
50) Dimethylphthalate	13.868	163	1584975	36.461	ng	100
51) 2,6-Dinitrotoluene	13.986	165	339189	37.686	ng	96
52) Acenaphthene	14.468	154	1200585	37.565	ng	99
53) 3-Nitroaniline	14.321	138	121020	14.084	ng	98
54) 2,4-Dinitrophenol	14.539	184	366009	64.725	ng	98
55) Dibenzofuran	14.810	168	1964264	36.940	ng	99
56) 4-Nitrophenol	14.657	139	502037	72.280	ng	96
57) 2,4-Dinitrotoluene	14.780	165	464363	37.338	ng	97
58) Fluorene	15.457	166	1650249	37.915	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	445647	36.556	ng	99
60) Diethylphthalate	15.227	149	1469398	35.873	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	907435	37.958	ng	100
62) 4-Nitroaniline	15.486	138	270809	32.665	ng	93
63) Azobenzene	15.745	77	1448547	42.197	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	237957	34.962	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1316779	39.438	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	511324	38.888	ng	98
68) Hexachlorobenzene	16.462	284	584856	38.588	ng	99
69) Atrazine	16.621	200	457942	38.023	ng	99
70) Pentachlorophenol	16.815	266	726819	85.193	ng	99
71) Phenanthrene	17.198	178	2337865	38.122	ng	99
72) Anthracene	17.286	178	2381496	38.373	ng	100
73) Carbazole	17.562	167	2011901	37.359	ng	100
74) Di-n-butylphthalate	18.115	149	2411092	37.595	ng	99
75) Fluoranthene	19.215	202	2669187	37.072	ng	100
77) Benzidine	19.403	184	1006375	26.613	ng	99
78) Pyrene	19.574	202	2761052	36.932	ng	100
80) Butylbenzylphthalate	20.474	149	1035927	36.997	ng	98
81) Benzo(a)anthracene	21.374	228	2802323	38.225	ng	100
82) 3,3'-Dichlorobenzidine	21.297	252	558496	19.901	ng	99
83) Chrysene	21.439	228	2574823	37.948	ng	100
84) Bis(2-ethylhexyl)phtha...	21.291	149	1587961	37.968	ng	98
85) Di-n-octyl phthalate	22.421	149	2626805	38.085	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	3254161	40.453	ng	100
88) Benzo(b)fluoranthene	23.444	252	2631049	37.475	ng	100
89) Benzo(k)fluoranthene	23.509	252	2681396	37.756	ng	100
90) Benzo(a)pyrene	24.250	252	2498009	37.988	ng	100
91) Dibenzo(a,h)anthracene	27.826	278	2663917	40.625	ng	99
92) Benzo(g,h,i)perylene	28.832	276	2561403	40.801	ng	99

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

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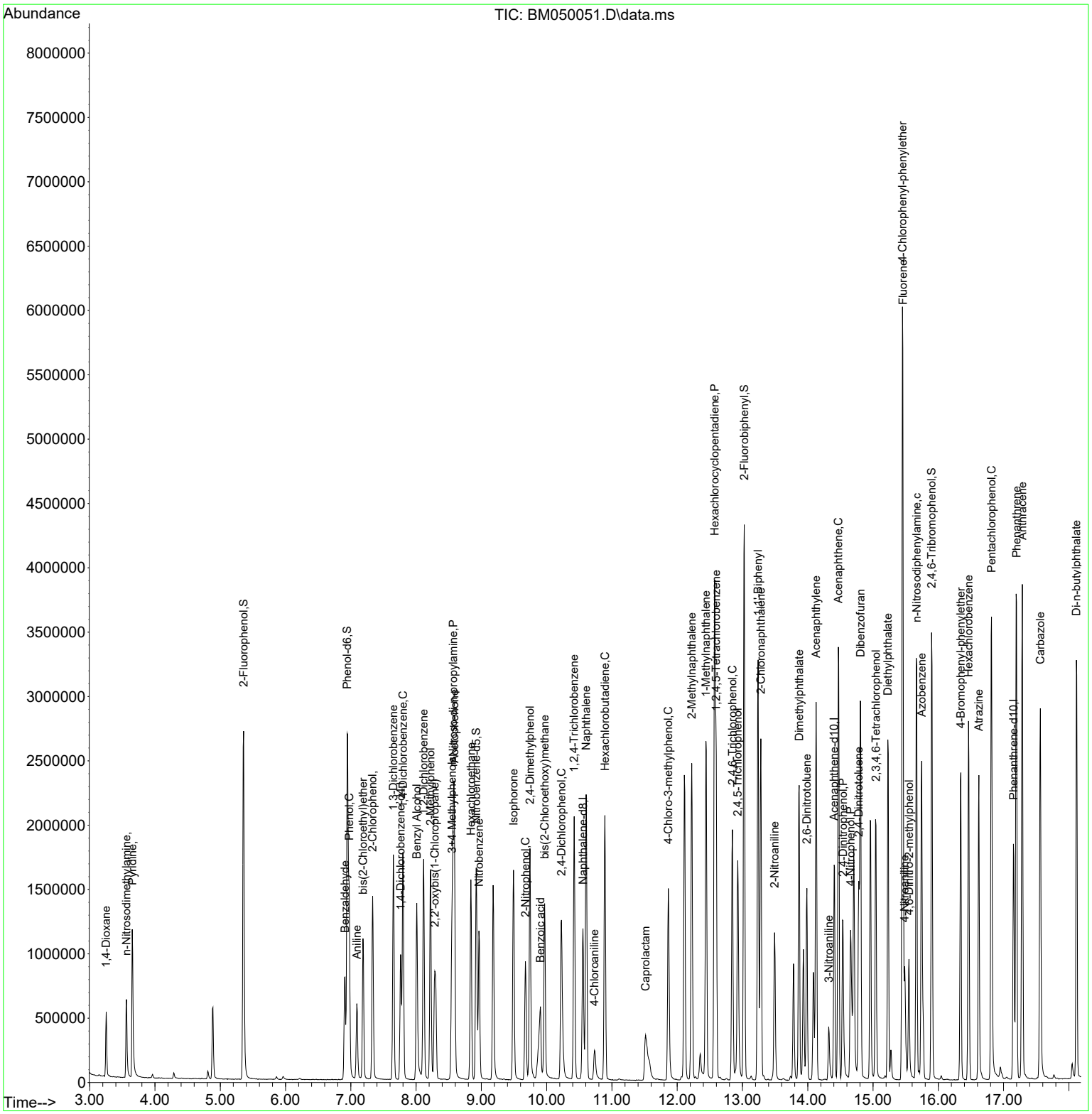

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