Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
Data File : BM050050.D
Acq On : 30 Apr 2025 18:02
Operator : RC/JU
Sample : Q1889-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2MS

Quant Time: May 01 02:17:16 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	260053	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	924881	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	580714	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	1072390	20.000	ng		0.00
76) Chrysene-d12	21.392	240	1080297	20.000	ng		0.00
86) Perylene-d12	24.391	264	1082313	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1207884	81.333	ng		0.00
7) Phenol-d6	6.946	99	1546919	82.874	ng		0.00
23) Nitrobenzene-d5	8.922	82	908964	48.428	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	652828	76.028	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	2192086	44.655	ng		0.00
79) Terphenyl-d14	19.774	244	3170717	43.431	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	212006	33.294	ng		98
3) Pyridine	3.652	79	579579	35.425	ng		97
4) n-Nitrosodimethylamine	3.563	42	250266	39.002	ng		100
6) Aniline	7.093	93	344158	14.601	ng		97
8) 2-Chlorophenol	7.334	128	602256	37.507	ng		97
9) Benzaldehyde	6.910	77	281774	22.558	ng		99
10) Phenol	6.975	94	750763	39.731	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	569946	36.121	ng		98
12) 1,3-Dichlorobenzene	7.651	146	689621	35.554	ng		98
13) 1,4-Dichlorobenzene	7.798	146	695617	35.698	ng		99
14) 1,2-Dichlorobenzene	8.116	146	669650	35.576	ng		100
15) Benzyl Alcohol	8.010	79	486873	37.612	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	716370	37.350	ng		98
17) 2-Methylphenol	8.222	107	473814	38.062	ng		99
18) Hexachloroethane	8.840	117	252087	36.392	ng		97
19) n-Nitroso-di-n-propyla...	8.569	70	440140	36.766	ng		99
20) 3+4-Methylphenols	8.551	107	627710	37.340	ng		98
22) Acetophenone	8.587	105	858227	37.324	ng	#	98
24) Nitrobenzene	8.963	77	620157	38.213	ng		97
25) Isophorone	9.492	82	1153347	36.049	ng		99
26) 2-Nitrophenol	9.675	139	310010	37.391	ng		98
27) 2,4-Dimethylphenol	9.745	122	525861	38.246	ng		98
28) bis(2-Chloroethoxy)met...	9.969	93	735675	37.203	ng		100
29) 2,4-Dichlorophenol	10.228	162	582452	37.813	ng		100
30) 1,2,4-Trichlorobenzene	10.422	180	679512	36.208	ng		100
31) Naphthalene	10.610	128	1705377	36.410	ng		99
32) Benzoic acid	9.904	122	305918	34.788	ng		98
33) 4-Chloroaniline	10.734	127	163553	8.519	ng		98
34) Hexachlorobutadiene	10.892	225	428582	35.977	ng		99
35) Caprolactam	11.516	113	150290	33.463	ng	#	82
36) 4-Chloro-3-methylphenol	11.863	107	518459	36.432	ng		98
37) 2-Methylnaphthalene	12.222	142	1120965	35.696	ng		99
38) 1-Methylnaphthalene	12.439	142	1182761	35.590	ng		100
40) 1,2,4,5-Tetrachloroben...	12.598	216	770104	38.308	ng		99
41) Hexachlorocyclopentadiene	12.575	237	1013360	82.486	ng		100
43) 2,4,6-Trichlorophenol	12.845	196	489977	38.428	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	526488	38.292	ng	98
46) 1,1'-Biphenyl	13.239	154	1629799	37.755	ng	99
47) 2-Chloronaphthalene	13.280	162	1302160	38.087	ng	100
48) 2-Nitroaniline	13.492	65	310914	38.748	ng	94
49) Acenaphthylene	14.127	152	1998341	37.072	ng	100
50) Dimethylphthalate	13.869	163	1525141	35.937	ng	99
51) 2,6-Dinitrotoluene	13.986	165	319365	36.346	ng	95
52) Acenaphthene	14.469	154	1152348	36.932	ng	100
53) 3-Nitroaniline	14.322	138	123502	14.722	ng	96
54) 2,4-Dinitrophenol	14.539	184	352044	63.853	ng	97
55) Dibenzofuran	14.810	168	1905961	36.714	ng	99
56) 4-Nitrophenol	14.657	139	491031	72.404	ng	94
57) 2,4-Dinitrotoluene	14.780	165	445355	36.680	ng	95
58) Fluorene	15.457	166	1587784	37.366	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	435492	36.591	ng	99
60) Diethylphthalate	15.227	149	1412851	35.331	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	865139	37.068	ng	98
62) 4-Nitroaniline	15.486	138	268767	33.207	ng	92
63) Azobenzene	15.745	77	1412905	42.158	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	233014	34.712	ng	97
66) n-Nitrosodiphenylamine	15.663	169	1272523	38.643	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	492266	37.960	ng	98
68) Hexachlorobenzene	16.468	284	560879	37.521	ng	96
69) Atrazine	16.621	200	439898	37.034	ng	99
70) Pentachlorophenol	16.815	266	705569	83.853	ng	99
71) Phenanthrene	17.198	178	2286790	37.808	ng	100
72) Anthracene	17.286	178	2292656	37.456	ng	100
73) Carbazole	17.563	167	1977881	37.238	ng	99
74) Di-n-butylphthalate	18.121	149	2350453	37.160	ng	99
75) Fluoranthene	19.215	202	2630073	37.037	ng	100
77) Benzidine	19.404	184	994596	25.919	ng	100
78) Pyrene	19.574	202	2725548	35.928	ng	100
80) Butylbenzylphthalate	20.474	149	1023890	36.036	ng	96
81) Benzo(a)anthracene	21.374	228	2779421	37.362	ng	100
82) 3,3'-Dichlorobenzidine	21.298	252	529097	18.579	ng	99
83) Chrysene	21.439	228	2576404	37.420	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	1587083	37.396	ng	97
85) Di-n-octyl phthalate	22.421	149	2619466	37.427	ng	99
87) Indeno(1,2,3-cd)pyrene	27.779	276	3213578	39.848	ng	100
88) Benzo(b)fluoranthene	23.444	252	2597561	36.905	ng	100
89) Benzo(k)fluoranthene	23.509	252	2629012	36.926	ng	100
90) Benzo(a)pyrene	24.250	252	2463380	37.367	ng	99
91) Dibenzo(a,h)anthracene	27.827	278	2634617	40.077	ng	99
92) Benzo(g,h,i)perylene	28.838	276	2527554	40.160	ng	98

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

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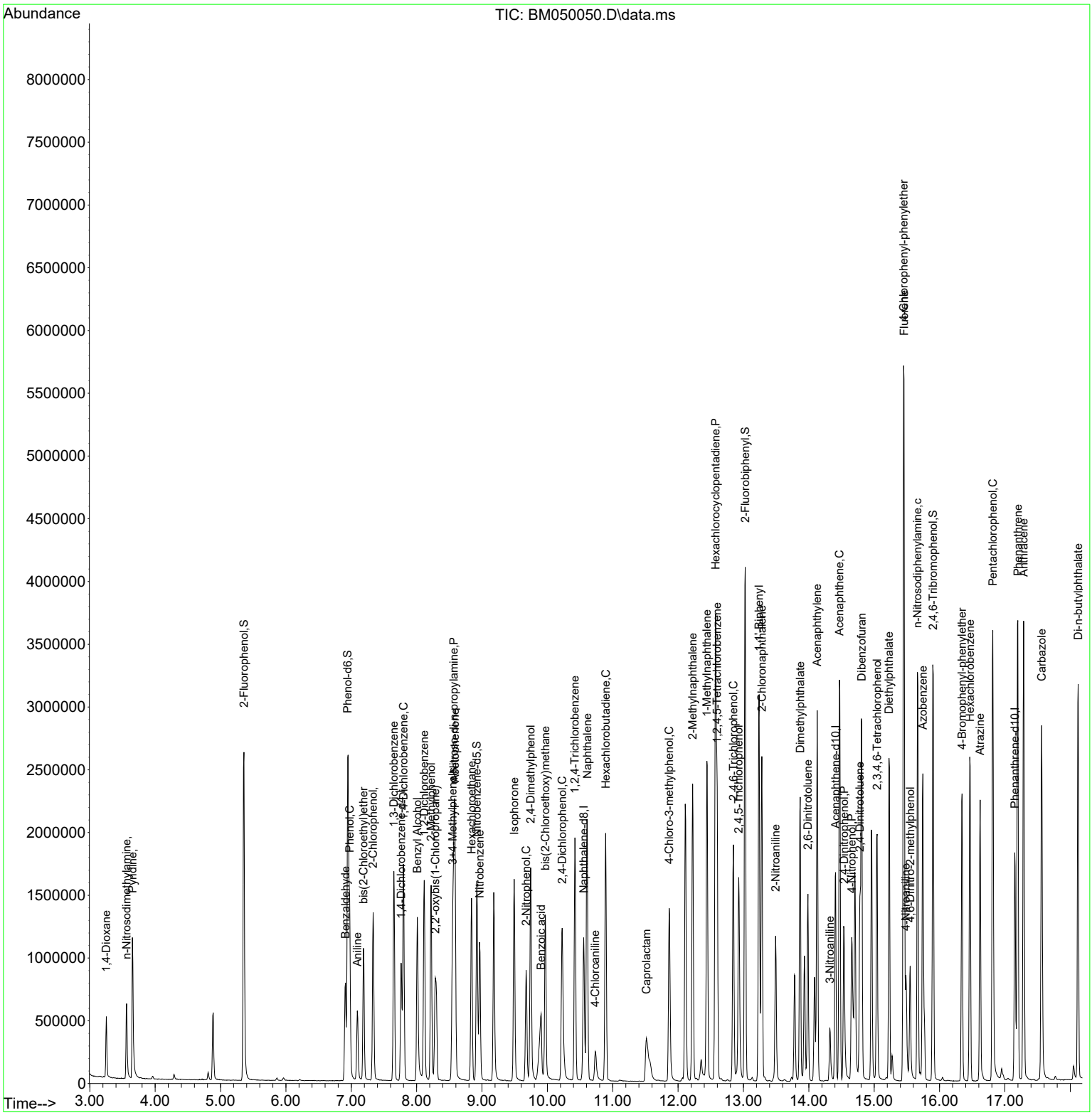

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