Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049995.D
Acq On : 22 Apr 2025 14:30
Operator : RC/JU
Sample : Q1848-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342MSD

Quant Time: Apr 22 15:13:53 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	7.763	152	320863	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	1105347	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	716219	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1397806	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1450465	20.000	ng	0.00
86) Perylene-d12	24.421	264	1514409	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1272177	67.326	ng	0.00
7) Phenol-d6	6.951	99	1820374	77.431	ng	0.00
23) Nitrobenzene-d5	8.922	82	1113258	56.084	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	557713	53.535	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2975851	56.342	ng	-0.02
79) Terphenyl-d14	19.786	244	4234595	54.712	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	224199	28.810	ng	99
3) Pyridine	3.652	79	629678	30.797	ng	99
4) n-Nitrosodimethylamine	3.563	42	269080	34.582	ng	97
6) Aniline	7.093	93	492304	24.438	ng	98
8) 2-Chlorophenol	7.340	128	742794	38.359	ng	100
9) Benzaldehyde	6.904	77	366836	30.406	ng	99
10) Phenol	6.981	94	896067	39.058	ng	98
11) bis(2-Chloroethyl)ether	7.187	93	705157	39.195	ng	99
12) 1,3-Dichlorobenzene	7.657	146	860532	37.587	ng	98
13) 1,4-Dichlorobenzene	7.798	146	865464	37.570	ng	100
14) 1,2-Dichlorobenzene	8.116	146	837269	38.588	ng	99
15) Benzyl Alcohol	8.010	79	580570	39.217	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	793938	39.593	ng	100
17) 2-Methylphenol	8.222	107	579199	40.968	ng	99
18) Hexachloroethane	8.839	117	289092	36.071	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	495236	38.034	ng	99
20) 3+4-Methylphenols	8.551	107	781209	40.530	ng	99
22) Acetophenone	8.587	105	1007174	37.492	ng	99
24) Nitrobenzene	8.969	77	725029	37.933	ng	97
25) Isophorone	9.492	82	1364019	41.020	ng	100
26) 2-Nitrophenol	9.675	139	405057	39.984	ng	100
27) 2,4-Dimethylphenol	9.745	122	655399	57.087	ng	98
28) bis(2-Chloroethoxy)met...	9.969	93	849665	38.167	ng	99
29) 2,4-Dichlorophenol	10.228	162	760061	39.827	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	879554	39.839	ng	99
31) Naphthalene	10.610	128	2154038	37.925	ng	99
32) Benzoic acid	9.910	122	482414m	36.408	ng	
33) 4-Chloroaniline	10.728	127	385886	19.241	ng	97
34) Hexachlorobutadiene	10.898	225	558366	40.887	ng	98
35) Caprolactam	11.516	113	204220	37.310	ng	99
36) 4-Chloro-3-methylphenol	11.875	107	651112	38.950	ng	100
37) 2-Methylnaphthalene	12.227	142	1433472	35.822	ng	100
38) 1-Methylnaphthalene	12.445	142	1488226	38.173	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1015738	40.538	ng	99
41) Hexachlorocyclopentadiene	12.575	237	414315	47.188	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	663527	41.615	ng	100

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44) 2,4,5-Trichlorophenol	12.933	196	722639	41.706	ng		99
46) 1,1'-Biphenyl	13.239	154	2055982	38.616	ng		100
47) 2-Chloronaphthalene	13.286	162	1642934	39.260	ng		99
48) 2-Nitroaniline	13.492	65	398691	41.183	ng		96
49) Acenaphthylene	14.133	152	3059871	50.198	ng		99
50) Dimethylphthalate	13.869	163	1929760	38.192	ng		99
51) 2,6-Dinitrotoluene	13.992	165	428830	40.508	ng		95
52) Acenaphthene	14.474	154	1752985	45.211	ng		100
53) 3-Nitroaniline	14.321	138	307334	30.037	ng		99
54) 2,4-Dinitrophenol	14.539	184	317445	44.892	ng		98
55) Dibenzofuran	14.810	168	2653860	40.943	ng		99
56) 4-Nitrophenol	14.669	139	723220	79.319	ng		99
57) 2,4-Dinitrotoluene	14.786	165	597545	42.310	ng		95
58) Fluorene	15.463	166	2376354	46.123	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	614667	40.474	ng		96
60) Diethylphthalate	15.233	149	1803345	37.216	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	1113820	40.322	ng		98
62) 4-Nitroaniline	15.486	138	378697	35.790	ng		97
63) Azobenzene	15.745	77	1635718	39.429	ng		97
65) 4,6-Dinitro-2-methylph...	15.557	198	229891	26.099	ng		99
66) n-Nitrosodiphenylamine	15.668	169	1698427	40.602	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	682172	42.040	ng		95
68) Hexachlorobenzene	16.474	284	796635	42.801	ng		98
69) Atrazine	16.627	200	601117	55.423	ng		97
70) Pentachlorophenol	16.821	266	1133337	82.707	ng		99
71) Phenanthrene	17.204	178	9294488	121.285	ng		98
72) Anthracene	17.292	178	6086876	80.599	ng		99
73) Carbazole	17.562	167	3491252	49.082	ng		99
74) Di-n-butylphthalate	18.121	149	3065789	37.420	ng		100
75) Fluoranthene	19.221	202	16804842	178.350	ng		90
77) Benzidine	19.409	184	828256	43.043	ng		99
78) Pyrene	19.586	202	16556829	165.629	ng	#	86
80) Butylbenzylphthalate	20.480	149	1275184	33.949	ng		97
81) Benzo(a)anthracene	21.397	228	13047843	135.355	ng		96
82) 3,3'-Dichlorobenzidine	21.309	252	756732	20.787	ng		98
83) Chrysene	21.462	228	13509665	147.412	ng		96
84) Bis(2-ethylhexyl)phtha...	21.303	149	1847756	33.764	ng		97
85) Di-n-octyl phthalate	22.439	149	3164959	33.058	ng		98
87) Indeno(1,2,3-cd)pyrene	27.850	276	8565298	75.876	ng	#	95
88) Benzo(b)fluoranthene	23.491	252	15966021	165.075	ng		97
89) Benzo(k)fluoranthene	23.544	252	7698208	82.133	ng		96
90) Benzo(a)pyrene	24.297	252	10103464m	118.877	ng		
91) Dibenzo(a,h)anthracene	27.891	278	4796372	51.583	ng		98
92) Benzo(g,h,i)perylene	28.909	276	6815684	71.732	ng		97

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

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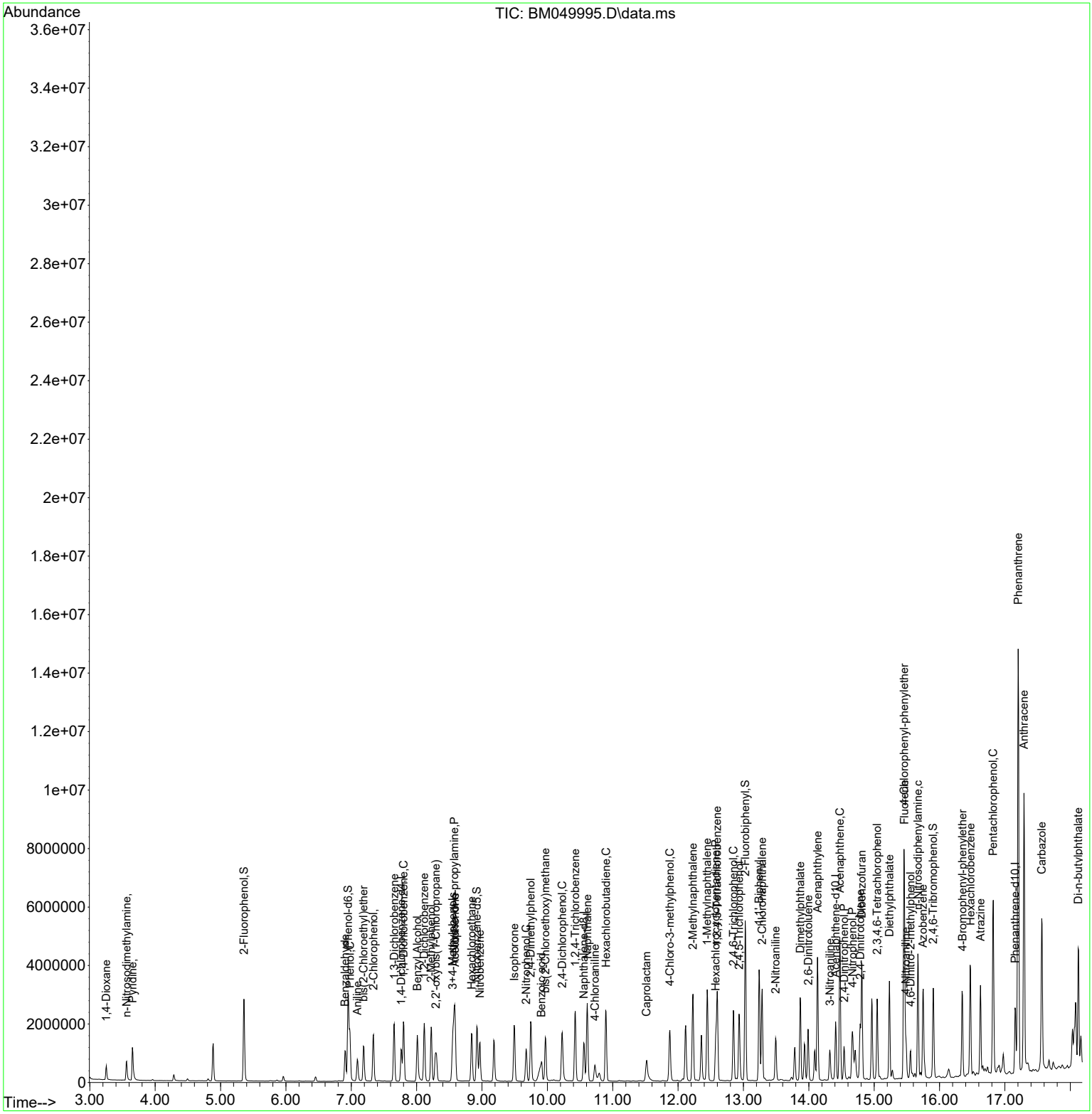

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