Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049914.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : Q1756-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9MS

Quant Time: Apr 14 15:55:12 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	7.769	152	380650	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1344620	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	887292	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1818288	20.000	ng	0.00
76) Chrysene-d12	21.397	240	2066303	20.000	ng	0.00
86) Perylene-d12	24.391	264	2236159	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2660898	118.702	ng	0.00
7) Phenol-d6	6.951	99	3090684	110.816	ng	0.00
23) Nitrobenzene-d5	8.928	82	2045348	84.705	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1849199	143.282	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5460914	83.457	ng	-0.01
79) Terphenyl-d14	19.786	244	8700612	78.911	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	352325	38.164	ng	# 85
3) Pyridine	3.675	79	959715	39.567	ng	100
4) n-Nitrosodimethylamine	3.563	42	413669	44.814	ng	95
6) Aniline	7.116	93	651236	27.250	ng	100
8) 2-Chlorophenol	7.345	128	1121335	48.812	ng	99
9) Benzaldehyde	6.910	77	367529	25.679	ng	99
10) Phenol	6.981	94	1206548	44.331	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	1280283	59.985	ng	94
12) 1,3-Dichlorobenzene	7.663	146	1249912	46.020	ng	98
13) 1,4-Dichlorobenzene	7.804	146	1266043	46.327	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1216688	47.267	ng	100
15) Benzyl Alcohol	8.016	79	847936	48.281	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1196617	50.301	ng	99
17) 2-Methylphenol	8.228	107	865822	51.622	ng	99
18) Hexachloroethane	8.851	117	433074	45.549	ng	96
19) n-Nitroso-di-n-propyla...	8.581	70	780355	50.518	ng	99
20) 3+4-Methylphenols	8.551	107	1159763	50.719	ng	99
22) Acetophenone	8.592	105	1553340	47.534	ng	100
24) Nitrobenzene	8.969	77	1103397	47.456	ng	98
25) Isophorone	9.498	82	2170442	53.656	ng	99
26) 2-Nitrophenol	9.681	139	603303	48.956	ng	99
27) 2,4-Dimethylphenol	9.751	122	1000500	71.638	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1333015	49.223	ng	99
29) 2,4-Dichlorophenol	10.228	162	1155715	49.783	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	1259185	46.886	ng	100
31) Naphthalene	10.616	128	3162943	45.779	ng	99
32) Benzoic acid	9.898	122	620856	38.023	ng	98
33) 4-Chloroaniline	10.769	127	897489	36.787	ng	100
34) Hexachlorobutadiene	10.904	225	780005	46.953	ng	98
35) Caprolactam	11.528	113	288778	43.371	ng	99
36) 4-Chloro-3-methylphenol	11.869	107	1017647	50.043	ng	100
37) 2-Methylnaphthalene	12.233	142	2150676	44.180	ng	99
38) 1-Methylnaphthalene	12.451	142	2259107	47.635	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1495771	48.186	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1700692	156.354	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	1006262	50.943	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	1094120	50.971	ng	99
46) 1,1'-Biphenyl	13.245	154	3163938	47.969	ng	100
47) 2-Chloronaphthalene	13.286	162	2476709	47.774	ng	99
48) 2-Nitroaniline	13.492	65	638411	53.230	ng	97
49) Acenaphthylene	14.139	152	3986330	52.788	ng	100
50) Dimethylphthalate	13.874	163	3176001	50.737	ng	99
51) 2,6-Dinitrotoluene	13.992	165	686685	52.359	ng	96
52) Acenaphthene	14.480	154	2326297	48.430	ng	99
53) 3-Nitroaniline	14.321	138	615097	48.526	ng	98
54) 2,4-Dinitrophenol	14.533	184	977673	100.867	ng	94
55) Dibenzofuran	14.816	168	3837987	47.796	ng	98
56) 4-Nitrophenol	14.651	139	1140034	100.927	ng	99
57) 2,4-Dinitrotoluene	14.780	165	989945	56.580	ng	98
58) Fluorene	15.463	166	3224055	50.511	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	945490	50.255	ng	98
60) Diethylphthalate	15.239	149	3001730	50.004	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	1772473	51.795	ng	100
62) 4-Nitroaniline	15.486	138	687632	52.457	ng	97
63) Azobenzene	15.751	77	2498680	48.618	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	616086	53.769	ng	99
66) n-Nitrosodiphenylamine	15.674	169	2763994	50.795	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	1091557	51.713	ng	97
68) Hexachlorobenzene	16.468	284	1247434	51.522	ng	99
69) Atrazine	16.627	200	1004962	71.230	ng	98
70) Pentachlorophenol	16.815	266	1880517	105.499	ng	99
71) Phenanthrene	17.204	178	5161688	51.780	ng	100
72) Anthracene	17.292	178	5216306	53.098	ng	100
73) Carbazole	17.562	167	4880684	52.748	ng	99
74) Di-n-butylphthalate	18.127	149	5552401	52.099	ng	100
75) Fluoranthene	19.215	202	6643573	54.203	ng	99
77) Benzidine	19.403	184	1956838	71.385	ng	99
78) Pyrene	19.580	202	6863548	48.197	ng	99
80) Butylbenzylphthalate	20.480	149	2687362	50.222	ng	95
81) Benzo(a)anthracene	21.380	228	7284244	53.044	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	1739513	33.543	ng	99
83) Chrysene	21.445	228	6728156	51.534	ng	98
84) Bis(2-ethylhexyl)phtha...	21.303	149	3884406	49.825	ng	98
85) Di-n-octyl phthalate	22.433	149	6871053	50.379	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	8806936	52.835	ng	99
88) Benzo(b)fluoranthene	23.450	252	7269525	50.902	ng	99
89) Benzo(k)fluoranthene	23.515	252	7399050	53.462	ng	99
90) Benzo(a)pyrene	24.256	252	7056939	56.232	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	7252037	52.820	ng	99
92) Benzo(g,h,i)perylene	28.844	276	6849769	48.822	ng	99

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

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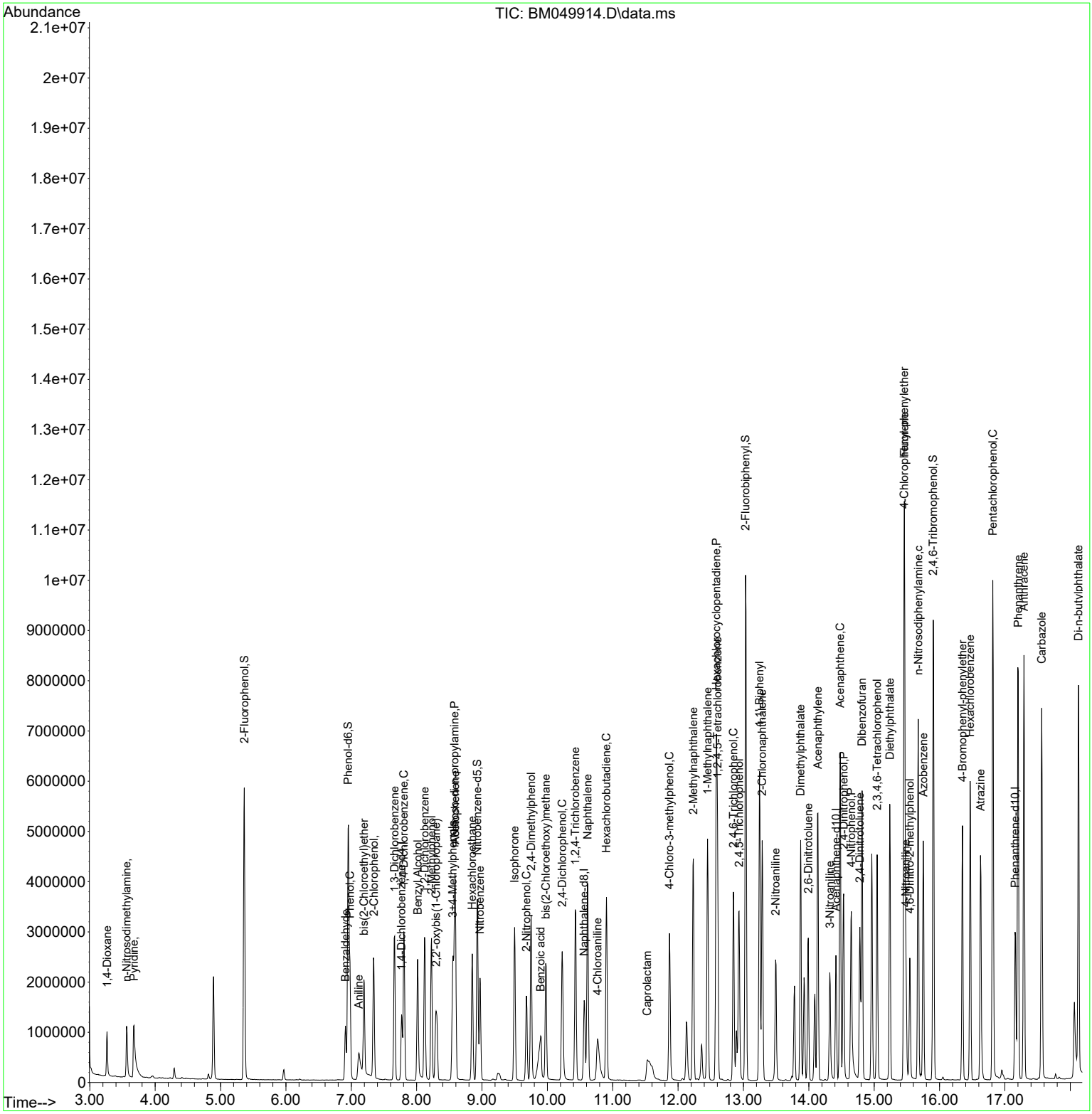

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