Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049936.D
Acq On : 15 Apr 2025 15:54
Operator : RC/JU
Sample : Q1787-09MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1MSD

Quant Time: Apr 15 16:32:36 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	549920	20.000	ng		-0.01
21) Naphthalene-d8	10.569	136	1868617	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	1066061	20.000	ng		0.00
64) Phenanthrene-d10	17.162	188	1799045	20.000	ng		0.00
76) Chrysene-d12	21.403	240	1796233	20.000	ng		0.00
86) Perylene-d12	24.409	264	2004809	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	2864320	88.446	ng		0.00
7) Phenol-d6	6.957	99	3555492	88.241	ng		0.00
23) Nitrobenzene-d5	8.928	82	2058525	61.345	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1269919	81.897	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	4831546	61.456	ng		-0.01
79) Terphenyl-d14	19.786	244	4932858	51.466	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	447893	33.582	ng		99
3) Pyridine	3.651	79	1296422	36.997	ng		100
4) n-Nitrosodimethylamine	3.563	42	541568	40.611	ng		98
6) Aniline	7.098	93	803266	23.266	ng		98
8) 2-Chlorophenol	7.339	128	1477163	44.509	ng		99
9) Benzaldehyde	6.910	77	746175	36.087	ng		96
10) Phenol	6.981	94	1750055	44.508	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	1363569	44.222	ng		100
12) 1,3-Dichlorobenzene	7.663	146	1690315	43.079	ng		98
13) 1,4-Dichlorobenzene	7.804	146	1695418	42.942	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1618086	43.512	ng		100
15) Benzyl Alcohol	8.016	79	1105781	43.582	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1543382	44.908	ng		99
17) 2-Methylphenol	8.228	107	1119600	46.206	ng		100
18) Hexachloroethane	8.851	117	577370	42.034	ng		95
19) n-Nitroso-di-n-propyla...	8.581	70	951290	42.628	ng		99
20) 3+4-Methylphenols	8.551	107	1479359	44.782	ng		100
22) Acetophenone	8.592	105	1926303	42.417	ng	#	99
24) Nitrobenzene	8.975	77	1379438	42.691	ng		96
25) Isophorone	9.498	82	2562764	45.589	ng		99
26) 2-Nitrophenol	9.681	139	772963	45.134	ng		100
27) 2,4-Dimethylphenol	9.751	122	1233439	63.551	ng		100
28) bis(2-Chloroethoxy)met...	9.980	93	1629552	43.300	ng		99
29) 2,4-Dichlorophenol	10.222	162	1412597	43.785	ng		99
30) 1,2,4-Trichlorobenzene	10.433	180	1649641	44.200	ng		99
31) Naphthalene	10.616	128	4091069	42.608	ng		99
32) Benzoic acid	9.892	122	573232m	28.128	ng		
33) 4-Chloroaniline	10.733	127	571990	16.870	ng		99
34) Hexachlorobutadiene	10.904	225	1060285	45.927	ng		98
35) Caprolactam	11.527	113	327145	35.355	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	1133939	40.125	ng		99
37) 2-Methylnaphthalene	12.233	142	2667156	39.426	ng		99
38) 1-Methylnaphthalene	12.451	142	2751057	41.742	ng		100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1793896	48.099	ng		99
41) Hexachlorocyclopentadiene	12.586	237	1180333	90.318	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	1112896	46.893	ng		97

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44) 2,4,5-Trichlorophenol	12.927	196	1153872	44.740	ng		100
46) 1,1'-Biphenyl	13.245	154	3625070	45.744	ng		99
47) 2-Chloronaphthalene	13.292	162	2826461	45.378	ng		99
48) 2-Nitroaniline	13.498	65	653697	45.365	ng		99
49) Acenaphthylene	14.139	152	4720544	52.028	ng		100
50) Dimethylphthalate	13.874	163	3228246	42.924	ng		99
51) 2,6-Dinitrotoluene	13.992	165	689741	43.773	ng		97
52) Acenaphthene	14.480	154	2654438	45.994	ng		100
53) 3-Nitroaniline	14.321	138	548137	35.992	ng		97
54) 2,4-Dinitrophenol	14.533	184	337044	34.094	ng		98
55) Dibenzofuran	14.815	168	4142350	42.936	ng		99
56) 4-Nitrophenol	14.651	139	1065838	78.535	ng		99
57) 2,4-Dinitrotoluene	14.786	165	905882	43.093	ng	#	94
58) Fluorene	15.468	166	3440606	44.864	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	898468	39.747	ng		96
60) Diethylphthalate	15.239	149	2866898	39.749	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	1775320	43.179	ng		99
62) 4-Nitroaniline	15.486	138	608358	38.627	ng		99
63) Azobenzene	15.751	77	2653800	42.977	ng		96
65) 4,6-Dinitro-2-methylph...	15.551	198	289137	25.504	ng		98
66) n-Nitrosodiphenylamine	15.674	169	2647541	49.175	ng		100
67) 4-Bromophenyl-phenylether	16.351	248	1032828	49.454	ng		96
68) Hexachlorobenzene	16.474	284	1155227	48.224	ng		99
69) Atrazine	16.627	200	863448	61.854	ng		99
70) Pentachlorophenol	16.821	266	1565732	88.778	ng		99
71) Phenanthrene	17.204	178	7978106	80.889	ng		99
72) Anthracene	17.298	178	5621088	57.831	ng		100
73) Carbazole	17.568	167	4169098	45.539	ng		99
74) Di-n-butylphthalate	18.127	149	4326871	41.034	ng		100
75) Fluoranthene	19.221	202	12039221	99.276	ng		95
77) Benzidine	19.403	184	1449947	60.847	ng	#	95
78) Pyrene	19.586	202	11732967	94.779	ng		94
80) Butylbenzylphthalate	20.480	149	1840428	39.566	ng		97
81) Benzo(a)anthracene	21.386	228	10010630	83.857	ng		96
82) 3,3'-Dichlorobenzidine	21.309	252	1006554	22.327	ng		100
83) Chrysene	21.450	228	8945161	78.817	ng		97
84) Bis(2-ethylhexyl)phtha...	21.303	149	2593299	38.265	ng		98
85) Di-n-octyl phthalate	22.439	149	4643124	39.162	ng		99
87) Indeno(1,2,3-cd)pyrene	27.826	276	10250778	68.594	ng		96
88) Benzo(b)fluoranthene	23.468	252	11737061	91.667	ng		98
89) Benzo(k)fluoranthene	23.527	252	7503086	60.470	ng		98
90) Benzo(a)pyrene	24.280	252	10332288	91.832	ng		98
91) Dibenzo(a,h)anthracene	27.873	278	6345148	51.548	ng		98
92) Benzo(g,h,i)perylene	28.885	276	8593018	68.315	ng		98

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

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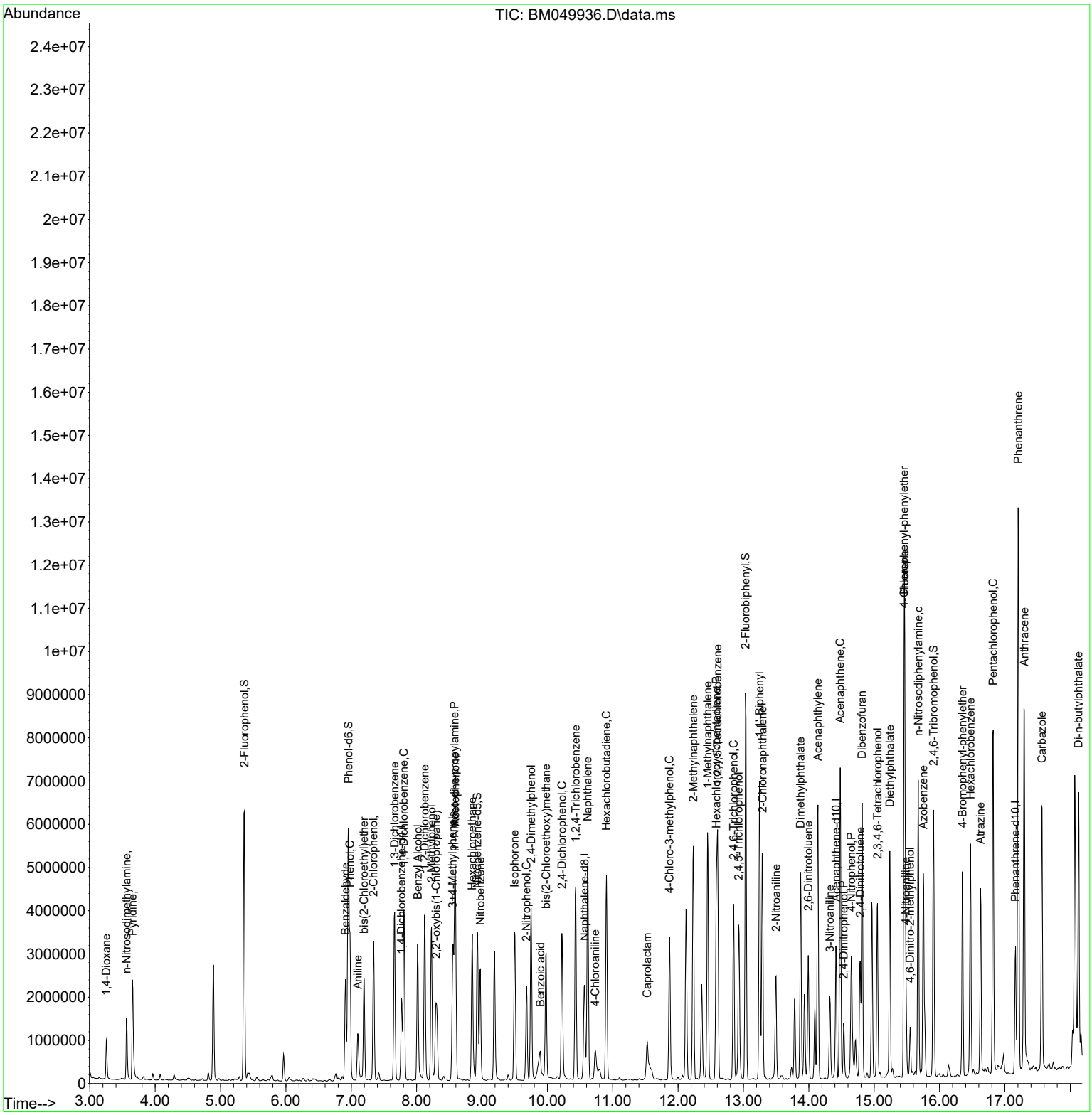

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