Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049935.D
Acq On : 15 Apr 2025 15:15
Operator : RC/JU
Sample : Q1787-09MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1MS

Quant Time: Apr 15 15:54:23 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	471909	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1529934	20.000	ng	-0.01
39) Acenaphthene-d10	14.415	164	896727	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1636789	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1803883	20.000	ng	0.00
86) Perylene-d12	24.409	264	1999768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2362399	85.006	ng	0.00
7) Phenol-d6	6.951	99	2843379	82.233	ng	0.00
23) Nitrobenzene-d5	8.928	82	1661249	60.465	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1101641	84.461	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	3839694	58.063	ng	-0.01
79) Terphenyl-d14	19.786	244	4644165	48.248	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	421383	36.817	ng	98
3) Pyridine	3.651	79	1152775	38.335	ng	98
4) n-Nitrosodimethylamine	3.563	42	476650	41.652	ng	96
6) Aniline	7.098	93	634478	21.415	ng	100
8) 2-Chlorophenol	7.339	128	1192844	41.883	ng	99
9) Benzaldehyde	6.910	77	613209	34.559	ng	96
10) Phenol	6.981	94	1404200	41.616	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	1118714	42.279	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1419614	42.161	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1420491	41.927	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1352665	42.388	ng	100
15) Benzyl Alcohol	8.016	79	889155	40.837	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1253822	42.513	ng	100
17) 2-Methylphenol	8.222	107	888729	42.741	ng	99
18) Hexachloroethane	8.851	117	484260	41.083	ng	94
19) n-Nitroso-di-n-propyla...	8.581	70	766385	40.019	ng	98
20) 3+4-Methylphenols	8.551	107	1170172	41.278	ng	99
22) Acetophenone	8.592	105	1570534	42.239	ng	99
24) Nitrobenzene	8.969	77	1117291	42.233	ng	99
25) Isophorone	9.498	82	2056831	44.689	ng	100
26) 2-Nitrophenol	9.680	139	613317	43.740	ng	100
27) 2,4-Dimethylphenol	9.751	122	976211	61.432	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1302868	42.283	ng	100
29) 2,4-Dichlorophenol	10.222	162	1118435	42.341	ng	99
30) 1,2,4-Trichlorobenzene	10.433	180	1325327	43.371	ng	99
31) Naphthalene	10.616	128	3321524	42.251	ng	100
32) Benzoic acid	9.875	122	420614m	26.094	ng	
33) 4-Chloroaniline	10.733	127	430981	15.525	ng	99
34) Hexachlorobutadiene	10.904	225	850705	45.006	ng	99
35) Caprolactam	11.522	113	277613	36.644	ng	99
36) 4-Chloro-3-methylphenol	11.869	107	909242	39.297	ng	97
37) 2-Methylnaphthalene	12.233	142	2142160	38.675	ng	99
38) 1-Methylnaphthalene	12.451	142	2189287	40.571	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1427199	45.493	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1087746	98.950	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	899272	45.047	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	949395	43.763	ng		100
46) 1,1'-Biphenyl	13.245	154	2914613	43.724	ng		100
47) 2-Chloronaphthalene	13.286	162	2301433	43.926	ng		99
48) 2-Nitroaniline	13.492	65	539193	44.484	ng		97
49) Acenaphthylene	14.139	152	3949827	51.754	ng		100
50) Dimethylphthalate	13.874	163	2611021	41.273	ng		99
51) 2,6-Dinitrotoluene	13.992	165	571815	43.142	ng		96
52) Acenaphthene	14.480	154	2165253	44.603	ng		100
53) 3-Nitroaniline	14.321	138	444610	34.707	ng		95
54) 2,4-Dinitrophenol	14.533	184	329592	38.461	ng		99
55) Dibenzofuran	14.815	168	3434875	42.326	ng		99
56) 4-Nitrophenol	14.651	139	951858	83.381	ng		97
57) 2,4-Dinitrotoluene	14.786	165	770202	43.557	ng	#	94
58) Fluorene	15.462	166	2901748	44.983	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	785963	41.336	ng		97
60) Diethylphthalate	15.239	149	2364733	38.978	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	1448028	41.869	ng		99
62) 4-Nitroaniline	15.486	138	530390	40.036	ng		98
63) Azobenzene	15.751	77	2249111	43.301	ng		97
65) 4,6-Dinitro-2-methylph...	15.551	198	289901	28.107	ng		100
66) n-Nitrosodiphenylamine	15.674	169	2229007	45.506	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	855056	45.000	ng		97
68) Hexachlorobenzene	16.474	284	980225	44.975	ng		99
69) Atrazine	16.627	200	751320	59.157	ng		99
70) Pentachlorophenol	16.821	266	1519735	94.712	ng		100
71) Phenanthrene	17.203	178	7119987	79.344	ng		99
72) Anthracene	17.292	178	5029521	56.874	ng		100
73) Carbazole	17.562	167	3798997	45.610	ng		99
74) Di-n-butylphthalate	18.127	149	3801914	39.629	ng		100
75) Fluoranthene	19.221	202	11615697	105.278	ng		95
77) Benzidine	19.409	184	1156392	48.322	ng	#	93
78) Pyrene	19.586	202	11441782	92.035	ng		95
80) Butylbenzylphthalate	20.480	149	1785794	38.228	ng		98
81) Benzo(a)anthracene	21.386	228	9919515	82.742	ng		96
82) 3,3'-Dichlorobenzidine	21.309	252	900542	19.891	ng		99
83) Chrysene	21.450	228	8875398	77.871	ng		97
84) Bis(2-ethylhexyl)phtha...	21.303	149	2525723	37.110	ng		98
85) Di-n-octyl phthalate	22.438	149	4588806	38.540	ng		99
87) Indeno(1,2,3-cd)pyrene	27.826	276	10101193	67.764	ng		97
88) Benzo(b)fluoranthene	23.468	252	11502990	90.066	ng		98
89) Benzo(k)fluoranthene	23.527	252	7450622	60.199	ng		98
90) Benzo(a)pyrene	24.280	252	10195959	90.849	ng		98
91) Dibenzo(a,h)anthracene	27.868	278	6265703	51.031	ng		98
92) Benzo(g,h,i)perylene	28.885	276	8480222	67.589	ng		97

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

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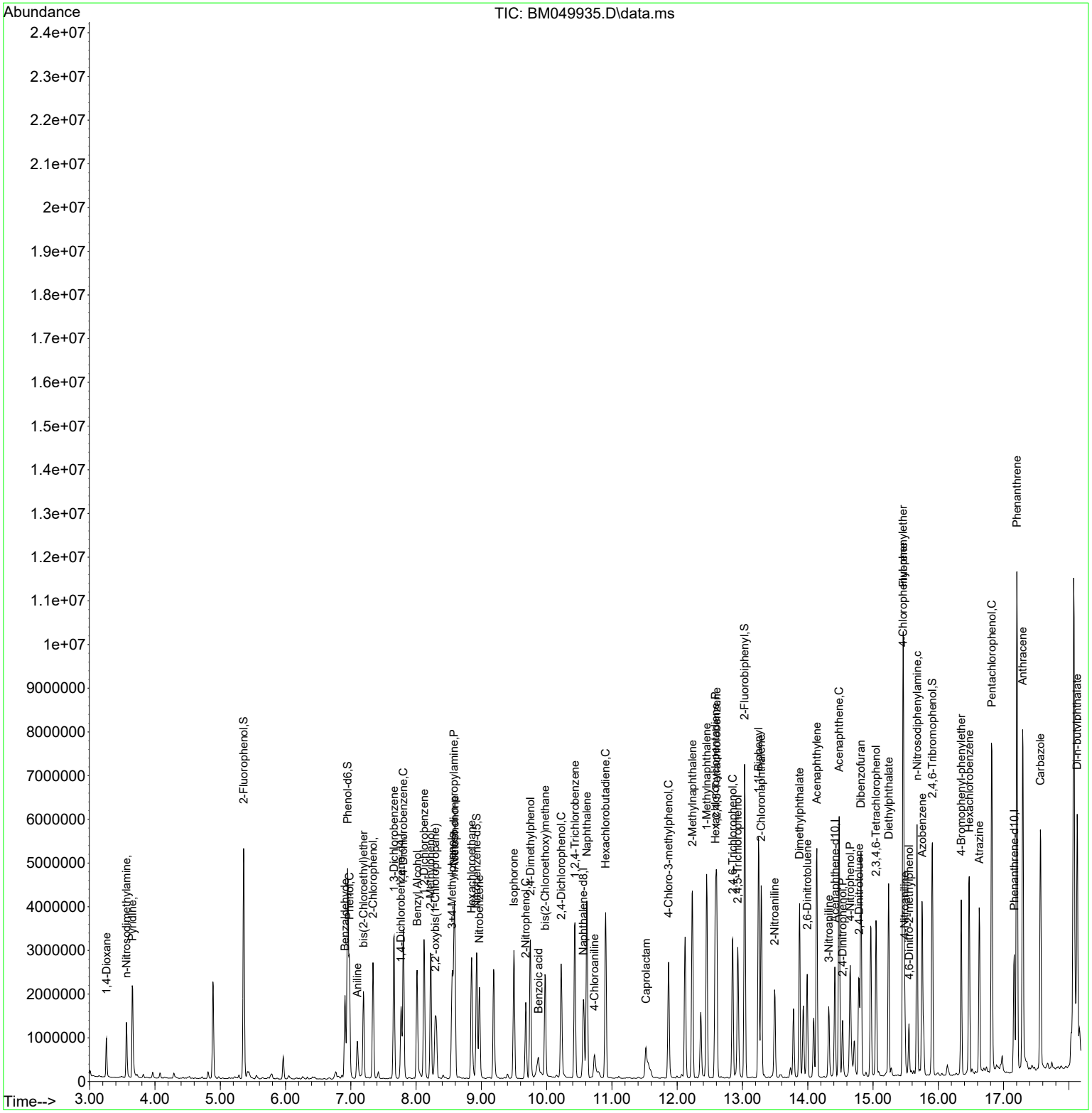

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