Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049920.D
Acq On : 14 Apr 2025 19:06
Operator : RC/JU
Sample : Q1779-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23MS

Quant Time: Apr 15 01:03:01 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	447784	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1604018	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	1047299	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	2068860	20.000	ng	0.00
76) Chrysene-d12	21.397	240	2012203	20.000	ng	0.00
86) Perylene-d12	24.391	264	1784297	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2726151	103.380	ng	0.00
7) Phenol-d6	6.951	99	3361854	102.467	ng	0.00
23) Nitrobenzene-d5	8.928	82	1931888	67.068	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1641809	107.777	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4923310	63.746	ng	-0.01
79) Terphenyl-d14	19.780	244	7408939	69.003	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	371257	34.185	ng	98
3) Pyridine	3.652	79	1036401	36.322	ng	100
4) n-Nitrosodimethylamine	3.563	42	430682	39.662	ng	99
6) Aniline	7.098	93	772043	27.462	ng	99
8) 2-Chlorophenol	7.340	128	1182675	43.763	ng	99
9) Benzaldehyde	6.910	77	627773	37.286	ng	99
10) Phenol	6.975	94	1410890	44.067	ng	100
11) bis(2-Chloroethyl)ether	7.192	93	1169538	46.581	ng	98
12) 1,3-Dichlorobenzene	7.657	146	1338050	41.879	ng	100
13) 1,4-Dichlorobenzene	7.804	146	1349495	41.977	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1310024	43.263	ng	99
15) Benzyl Alcohol	8.010	79	870736	42.146	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1241738	44.372	ng	99
17) 2-Methylphenol	8.222	107	900710	45.651	ng	99
18) Hexachloroethane	8.851	117	466737	41.730	ng	93
19) n-Nitroso-di-n-propyla...	8.581	70	785482	43.226	ng	100
20) 3+4-Methylphenols	8.551	107	1240039	46.100	ng	99
22) Acetophenone	8.592	105	1584303	40.641	ng	99
24) Nitrobenzene	8.969	77	1125723	40.586	ng	99
25) Isophorone	9.498	82	2130560	44.153	ng	99
26) 2-Nitrophenol	9.681	139	611016	41.563	ng	99
27) 2,4-Dimethylphenol	9.751	122	1012091	60.749	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1337343	41.397	ng	99
29) 2,4-Dichlorophenol	10.222	162	1162147	41.964	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	1329309	41.492	ng	99
31) Naphthalene	10.616	128	3284177	39.846	ng	100
32) Benzoic acid	9.898	122	627334	33.513	ng	98
33) 4-Chloroaniline	10.745	127	670729	23.046	ng	99
34) Hexachlorobutadiene	10.904	225	840572	42.416	ng	99
35) Caprolactam	11.522	113	318383	40.084	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	1010853	41.670	ng	98
37) 2-Methylnaphthalene	12.227	142	2162229	37.235	ng	99
38) 1-Methylnaphthalene	12.451	142	2282402	40.343	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1530315	41.767	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1729119	134.681	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	991139	42.511	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	1067585	42.136	ng	99
46) 1,1'-Biphenyl	13.245	154	3163903	40.640	ng	100
47) 2-Chloronaphthalene	13.286	162	2508729	40.998	ng	99
48) 2-Nitroaniline	13.492	65	602156	42.536	ng	96
49) Acenaphthylene	14.133	152	3914984	43.922	ng	99
50) Dimethylphthalate	13.874	163	2961172	40.078	ng	100
51) 2,6-Dinitrotoluene	13.986	165	650711	42.036	ng	99
52) Acenaphthene	14.480	154	2287458	40.346	ng	100
53) 3-Nitroaniline	14.321	138	600540	40.139	ng	95
54) 2,4-Dinitrophenol	14.533	184	861363	77.122	ng	95
55) Dibenzofuran	14.816	168	3733116	39.387	ng	98
56) 4-Nitrophenol	14.645	139	1151040	86.332	ng	99
57) 2,4-Dinitrotoluene	14.780	165	912566	44.189	ng	96
58) Fluorene	15.463	166	3124309	41.470	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	916022	41.250	ng	98
60) Diethylphthalate	15.239	149	2814648	39.724	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1717543	42.522	ng	99
62) 4-Nitroaniline	15.486	138	637874	41.227	ng	98
63) Azobenzene	15.751	77	2613551	43.083	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	547265	41.978	ng	97
66) n-Nitrosodiphenylamine	15.674	169	2623640	42.376	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	1042575	43.410	ng	96
68) Hexachlorobenzene	16.468	284	1194738	43.369	ng	98
69) Atrazine	16.627	200	952503	59.335	ng	98
70) Pentachlorophenol	16.815	266	1757019	86.632	ng	99
71) Phenanthrene	17.198	178	4856933	42.821	ng	99
72) Anthracene	17.292	178	4935381	44.154	ng	100
73) Carbazole	17.562	167	4480251	42.556	ng	99
74) Di-n-butylphthalate	18.127	149	5140785	42.394	ng	100
75) Fluoranthene	19.215	202	6058462	43.443	ng	99
77) Benzidine	19.403	184	2278072	85.338	ng	99
78) Pyrene	19.580	202	6208511	44.769	ng	99
80) Butylbenzylphthalate	20.480	149	2334760	44.806	ng	96
81) Benzo(a)anthracene	21.380	228	5880017	43.969	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	1372085	27.169	ng	99
83) Chrysene	21.439	228	5380872	42.323	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	3382178	44.549	ng	97
85) Di-n-octyl phthalate	22.433	149	5532016	41.652	ng	99
87) Indeno(1,2,3-cd)pyrene	27.779	276	5571031	41.886	ng	99
88) Benzo(b)fluoranthene	23.450	252	5010921	43.972	ng	99
89) Benzo(k)fluoranthene	23.509	252	4939362	44.728	ng	100
90) Benzo(a)pyrene	24.256	252	4635352	46.290	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	4519794	41.256	ng	99
92) Benzo(g,h,i)perylene	28.832	276	4398330	39.289	ng	98

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

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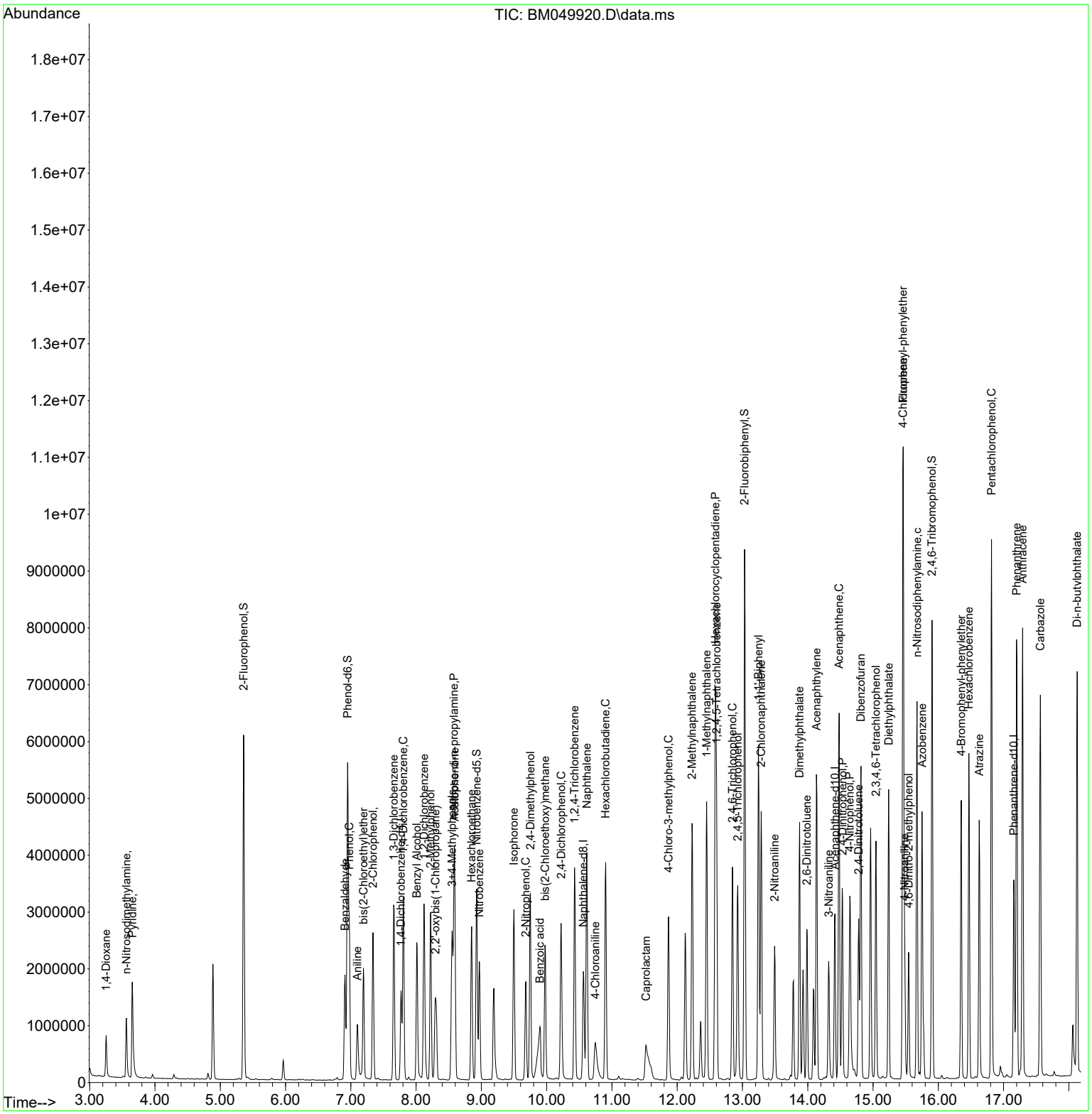

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