Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049921.D
Acq On : 14 Apr 2025 19:46
Operator : RC/JU
Sample : Q1779-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23MSD

Quant Time: Apr 15 01:03:42 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	456710	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1579651	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	986011	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1837731	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1556320	20.000	ng	0.00
86) Perylene-d12	24.391	264	1594804	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2731907	101.574	ng	0.00
7) Phenol-d6	6.951	99	3333954	99.630	ng	0.00
23) Nitrobenzene-d5	8.928	82	1914655	67.495	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1466590	102.259	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4764043	65.517	ng	-0.01
79) Terphenyl-d14	19.780	244	5751474	69.257	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	386986	34.937	ng	99
3) Pyridine	3.652	79	1065263	36.604	ng	100
4) n-Nitrosodimethylamine	3.563	42	436744	39.435	ng	99
6) Aniline	7.098	93	750478	26.173	ng	98
8) 2-Chlorophenol	7.340	128	1164824	42.260	ng	100
9) Benzaldehyde	6.910	77	626793	36.500	ng	98
10) Phenol	6.975	94	1402765	42.957	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	1164428	45.471	ng	99
12) 1,3-Dichlorobenzene	7.657	146	1358519	41.689	ng	98
13) 1,4-Dichlorobenzene	7.804	146	1373607	41.892	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1309499	42.401	ng	99
15) Benzyl Alcohol	8.016	79	848029	40.244	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1248181	43.730	ng	99
17) 2-Methylphenol	8.222	107	888249	44.139	ng	99
18) Hexachloroethane	8.851	117	476481	41.768	ng	95
19) n-Nitroso-di-n-propyla...	8.581	70	778446	42.001	ng	99
20) 3+4-Methylphenols	8.551	107	1223758	44.605	ng	99
22) Acetophenone	8.592	105	1577845	41.100	ng	99
24) Nitrobenzene	8.969	77	1112490	40.728	ng	98
25) Isophorone	9.498	82	2095903	44.105	ng	99
26) 2-Nitrophenol	9.681	139	610582	42.174	ng	99
27) 2,4-Dimethylphenol	9.751	122	989050	60.282	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1328993	41.773	ng	98
29) 2,4-Dichlorophenol	10.222	162	1136041	41.654	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	1315047	41.680	ng	99
31) Naphthalene	10.616	128	3245955	39.990	ng	100
32) Benzoic acid	9.898	122	607281	33.087	ng	98
33) 4-Chloroaniline	10.745	127	673006	23.481	ng	98
34) Hexachlorobutadiene	10.904	225	836884	42.881	ng	98
35) Caprolactam	11.522	113	296251	37.873	ng	99
36) 4-Chloro-3-methylphenol	11.869	107	955956	40.015	ng	99
37) 2-Methylnaphthalene	12.228	142	2117874	37.033	ng	99
38) 1-Methylnaphthalene	12.451	142	2217335	39.798	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1490131	43.198	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1656948	137.081	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	942264	42.927	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	1015428	42.569	ng	99
46) 1,1'-Biphenyl	13.245	154	3050236	41.615	ng	99
47) 2-Chloronaphthalene	13.286	162	2403600	41.722	ng	99
48) 2-Nitroaniline	13.492	65	565205	42.408	ng	100
49) Acenaphthylene	14.133	152	3722138	44.354	ng	99
50) Dimethylphthalate	13.874	163	2786558	40.059	ng	100
51) 2,6-Dinitrotoluene	13.986	165	608184	41.730	ng	99
52) Acenaphthene	14.480	154	2176080	40.767	ng	99
53) 3-Nitroaniline	14.322	138	545547	38.730	ng	97
54) 2,4-Dinitrophenol	14.527	184	775079	74.030	ng	97
55) Dibenzofuran	14.816	168	3521114	39.459	ng	99
56) 4-Nitrophenol	14.645	139	1031478	82.174	ng	99
57) 2,4-Dinitrotoluene	14.780	165	837150	43.057	ng	96
58) Fluorene	15.463	166	2904991	40.956	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	837924	40.078	ng	98
60) Diethylphthalate	15.239	149	2581511	38.698	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	1602802	42.148	ng	99
62) 4-Nitroaniline	15.486	138	577734	39.661	ng	98
63) Azobenzene	15.751	77	2405985	42.127	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	485343	41.910	ng	98
66) n-Nitrosodiphenylamine	15.674	169	2425926	44.111	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	952056	44.627	ng	96
68) Hexachlorobenzene	16.468	284	1082729	44.246	ng	98
69) Atrazine	16.627	200	819100	57.442	ng	98
70) Pentachlorophenol	16.815	266	1493995	82.928	ng	99
71) Phenanthrene	17.198	178	4311791	42.796	ng	100
72) Anthracene	17.292	178	4391817	44.233	ng	100
73) Carbazole	17.563	167	3839750	41.059	ng	99
74) Di-n-butylphthalate	18.127	149	4361160	40.488	ng	100
75) Fluoranthene	19.215	202	4915651	39.681	ng	99
77) Benzidine	19.404	184	1818558	88.079	ng	99
78) Pyrene	19.580	202	4987745	46.502	ng	100
80) Butylbenzylphthalate	20.480	149	1763485	43.756	ng	97
81) Benzo(a)anthracene	21.380	228	4512094	43.624	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1136919	29.107	ng	99
83) Chrysene	21.439	228	4104161	41.737	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2502041	42.610	ng	99
85) Di-n-octyl phthalate	22.433	149	4128797	40.192	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	5425742	45.641	ng	99
88) Benzo(b)fluoranthene	23.444	252	4326578	42.478	ng	99
89) Benzo(k)fluoranthene	23.509	252	4194491	42.496	ng	100
90) Benzo(a)pyrene	24.250	252	4140185	46.258	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	4407041	45.007	ng	99
92) Benzo(g,h,i)perylene	28.838	276	4346566	43.440	ng	99

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

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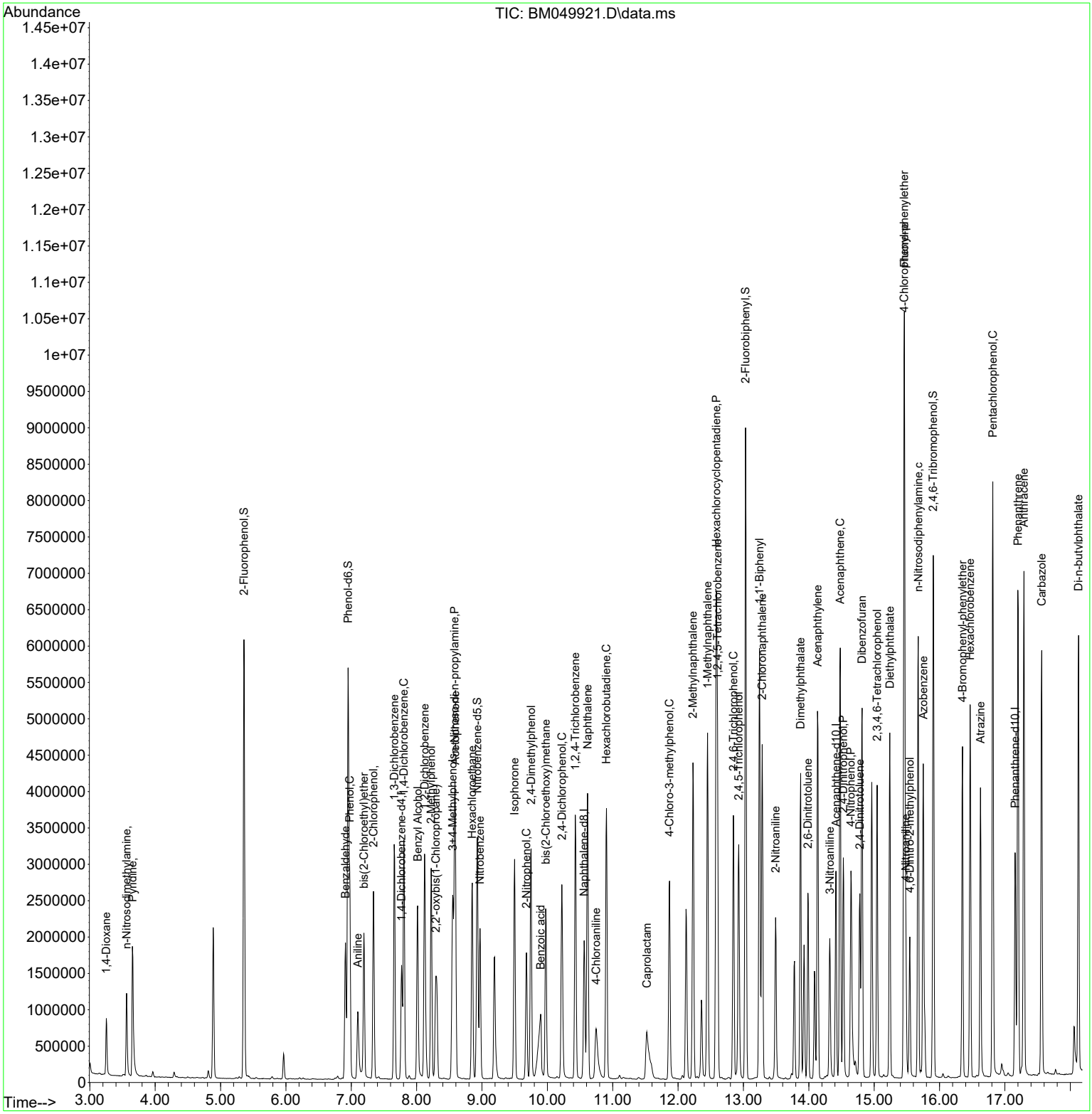

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