Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123124\
Data File : BM049308.D
Acq On : 31 Dec 2024 17:09
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Dec 31 22:14:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM123124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 22:05:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.528	152	178484	20.000	ng		0.00
21) Naphthalene-d8	10.292	136	681687	20.000	ng		0.00
39) Acenaphthene-d10	14.169	164	443593	20.000	ng		0.00
64) Phenanthrene-d10	16.921	188	911051	20.000	ng		0.00
76) Chrysene-d12	21.150	240	852040	20.000	ng		0.00
86) Perylene-d12	23.938	264	867109	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	1413272	133.100	ng		0.00
7) Phenol-d6	6.728	99	1916420	138.588	ng		0.00
23) Nitrobenzene-d5	8.675	82	1822229	150.932	ng		0.00
42) 2,4,6-Tribromophenol	15.668	330	792773	146.009	ng		0.00
45) 2-Fluorobiphenyl	12.786	172	4238214	146.610	ng		0.00
79) Terphenyl-d14	19.574	244	6656751	159.437	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.157	88	276964	63.723	ng		99
3) Pyridine	3.534	79	827544m	71.674	ng		
4) n-Nitrosodimethylamine	3.452	42	334716	68.278	ng		98
6) Aniline	6.875	93	746038	64.994	ng		99
8) 2-Chlorophenol	7.104	128	734004	63.629	ng		98
9) Benzaldehyde	6.687	77	415127	61.103	ng		99
10) Phenol	6.751	94	950596	68.327	ng		99
11) bis(2-Chloroethyl)ether	6.975	93	748249	67.523	ng		98
12) 1,3-Dichlorobenzene	7.422	146	843446	63.419	ng		99
13) 1,4-Dichlorobenzene	7.563	146	848846	62.825	ng		99
14) 1,2-Dichlorobenzene	7.875	146	829334	63.511	ng		98
15) Benzyl Alcohol	7.775	79	627965	71.182	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.063	45	1052414	64.930	ng		100
17) 2-Methylphenol	7.981	107	598985	64.792	ng		99
18) Hexachloroethane	8.592	117	315138	63.636	ng		99
19) n-Nitroso-di-n-propyla...	8.339	70	631060	72.134	ng		98
20) 3+4-Methylphenols	8.310	107	836383	65.309	ng		98
22) Acetophenone	8.345	105	1165359	70.046	ng	#	99
24) Nitrobenzene	8.716	77	908987	72.665	ng		99
25) Isophorone	9.239	82	1587920	71.754	ng		99
26) 2-Nitrophenol	9.422	139	398678	69.026	ng		95
27) 2,4-Dimethylphenol	9.492	122	471426	67.275	ng		97
28) bis(2-Chloroethoxy)met...	9.728	93	1000954	71.477	ng		99
29) 2,4-Dichlorophenol	9.951	162	739270	73.336	ng		99
30) 1,2,4-Trichlorobenzene	10.157	180	859517	74.449	ng		99
31) Naphthalene	10.339	128	2314223	65.090	ng		100
32) Benzoic acid	9.663	122	521691	66.883	ng		97
33) 4-Chloroaniline	10.463	127	822015	71.287	ng		99
34) Hexachlorobutadiene	10.633	225	535778	74.878	ng		99
35) Caprolactam	11.257	113	216738	66.189	ng		93
36) 4-Chloro-3-methylphenol	11.598	107	726649	69.052	ng		99
37) 2-Methylnaphthalene	11.963	142	1632984	68.743	ng		99
38) 1-Methylnaphthalene	12.186	142	1619214	68.740	ng		99
40) 1,2,4,5-Tetrachloroben...	12.339	216	948836	74.836	ng		99
41) Hexachlorocyclopentadiene	12.322	237	314599	73.325	ng		98
43) 2,4,6-Trichlorophenol	12.586	196	623164	74.062	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	687757	73.299	ng	100
46) 1,1'-Biphenyl	12.998	154	2121482	66.985	ng	100
47) 2-Chloronaphthalene	13.033	162	1725019	69.078	ng	99
48) 2-Nitroaniline	13.245	65	494733	73.046	ng	99
49) Acenaphthylene	13.886	152	2429936	66.697	ng	100
50) Dimethylphthalate	13.645	163	2031033	67.069	ng	99
51) 2,6-Dinitrotoluene	13.757	165	459318	67.978	ng	97
52) Acenaphthene	14.233	154	1569753	67.810	ng	99
53) 3-Nitroaniline	14.086	138	451889	70.916	ng	94
54) 2,4-Dinitrophenol	14.292	184	262456	66.471	ng	99
55) Dibenzofuran	14.574	168	2494477	67.825	ng	100
56) 4-Nitrophenol	14.410	139	381753	67.127	ng	95
57) 2,4-Dinitrotoluene	14.551	165	638010	71.503	ng	95
58) Fluorene	15.227	166	2097149	72.111	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.804	232	563882	72.504	ng	99
60) Diethylphthalate	15.021	149	2029661	66.197	ng	99
61) 4-Chlorophenyl-phenyle...	15.227	204	1132117	77.856	ng	98
62) 4-Nitroaniline	15.257	138	470403	71.330	ng	97
63) Azobenzene	15.521	77	1935092	70.417	ng	100
65) 4,6-Dinitro-2-methylph...	15.315	198	368435	69.699	ng	97
66) n-Nitrosodiphenylamine	15.445	169	1702144	68.058	ng	99
67) 4-Bromophenyl-phenylether	16.121	248	645569	69.891	ng	98
68) Hexachlorobenzene	16.233	284	757932	68.319	ng	99
69) Atrazine	16.410	200	327689	46.827	ng	98
70) Pentachlorophenol	16.580	266	519431	71.315	ng	98
71) Phenanthrene	16.962	178	3076528	68.196	ng	99
72) Anthracene	17.057	178	3000634	68.710	ng	99
73) Carbazole	17.333	167	2921583	68.244	ng	99
74) Di-n-butylphthalate	17.909	149	3455173	64.839	ng	99
75) Fluoranthene	18.992	202	3844865	71.448	ng	99
77) Benzidine	19.186	184	589244	59.923	ng	100
78) Pyrene	19.351	202	4044164	70.913	ng	99
80) Butylbenzylphthalate	20.280	149	1488548	62.418	ng	99
81) Benzo(a)anthracene	21.133	228	3854037	70.784	ng	100
82) 3,3'-Dichlorobenzidine	21.074	252	1254589	67.270	ng	99
83) Chrysene	21.192	228	3636297	69.578	ng	99
84) Bis(2-ethylhexyl)phtha...	21.086	149	2261233	65.238	ng	100
85) Di-n-octyl phthalate	22.150	149	3711302	61.823	ng	99
87) Indeno(1,2,3-cd)pyrene	27.044	276	4212652	73.469	ng	100
88) Benzo(b)fluoranthene	23.068	252	3815199	76.739	ng	100
89) Benzo(k)fluoranthene	23.127	252	3711691	77.217	ng	99
90) Benzo(a)pyrene	23.815	252	3269409	75.641	ng	99
91) Dibenzo(a,h)anthracene	27.097	278	3497059	73.238	ng	99
92) Benzo(g,h,i)perylene	28.015	276	3459547	70.754	ng	99

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

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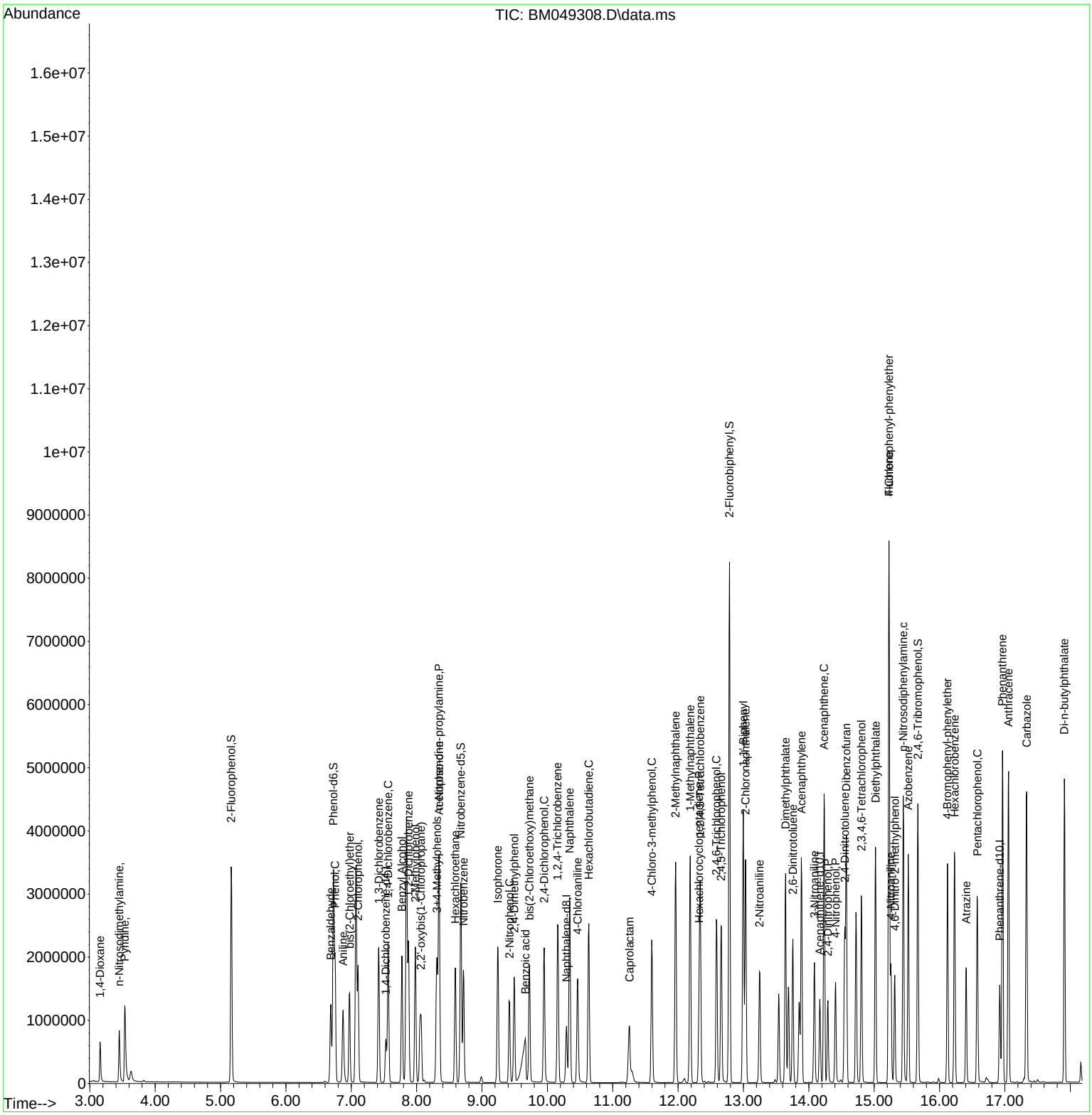

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