Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049910.D
Acq On : 14 Apr 2025 12:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 14 13:34:25 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	374636	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	1267218	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	814993	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1620026	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1632806	20.000	ng	0.00
86) Perylene-d12	24.391	264	1729294	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1737935	78.774	ng	0.00
7) Phenol-d6	6.951	99	2193548	79.912	ng	0.00
23) Nitrobenzene-d5	8.928	82	1866594	82.024	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1001561	84.489	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4962654	82.570	ng	-0.01
79) Terphenyl-d14	19.786	244	7972701	91.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	353273	38.881	ng	99
3) Pyridine	3.663	79	922944	38.662	ng	99
4) n-Nitrosodimethylamine	3.563	42	362554	39.907	ng	98
6) Aniline	7.104	93	458657	19.500	ng	99
8) 2-Chlorophenol	7.340	128	900482	39.827	ng	98
9) Benzaldehyde	6.910	77	467620	33.197	ng	99
10) Phenol	6.981	94	1065303	39.770	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	1221496	58.150	ng	92
12) 1,3-Dichlorobenzene	7.663	146	1074842	40.210	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1073524	39.913	ng	99
14) 1,2-Dichlorobenzene	8.128	146	1013786	40.017	ng	99
15) Benzyl Alcohol	8.016	79	642417	37.166	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	957557	40.898	ng	99
17) 2-Methylphenol	8.228	107	662176	40.114	ng	99
18) Hexachloroethane	8.851	117	376434	40.227	ng	97
19) n-Nitroso-di-n-propyla...	8.581	70	633691	41.682	ng	99
20) 3+4-Methylphenols	8.551	107	893680	39.710	ng	99
22) Acetophenone	8.592	105	1260488	40.928	ng	99
24) Nitrobenzene	8.969	77	882218	40.261	ng	97
25) Isophorone	9.498	82	1574301	41.296	ng	99
26) 2-Nitrophenol	9.681	139	484099	41.682	ng	100
27) 2,4-Dimethylphenol	9.751	122	541332	41.128	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	1058499	41.474	ng	98
29) 2,4-Dichlorophenol	10.228	162	895021	40.908	ng	99
30) 1,2,4-Trichlorobenzene	10.433	180	1038332	41.024	ng	99
31) Naphthalene	10.616	128	2639912	40.542	ng	99
32) Benzoic acid	9.892	122	529458	35.218	ng	96
33) 4-Chloroaniline	10.757	127	868519	37.773	ng	99
34) Hexachlorobutadiene	10.904	225	652465	41.675	ng	99
35) Caprolactam	11.516	113	242730	38.682	ng	99
36) 4-Chloro-3-methylphenol	11.869	107	780083	40.704	ng	100
37) 2-Methylnaphthalene	12.233	142	1897679	41.364	ng	100
38) 1-Methylnaphthalene	12.451	142	1829262	40.927	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1168691	40.989	ng	99
41) Hexachlorocyclopentadiene	12.586	237	436292	43.669	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	752590	41.480	ng	99

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	796048	40.375	ng	100
46) 1,1'-Biphenyl	13.245	154	2490190	41.103	ng	100
47) 2-Chloronaphthalene	13.286	162	1923593	40.396	ng	99
48) 2-Nitroaniline	13.492	65	454427	41.251	ng	97
49) Acenaphthylene	14.139	152	2833503	40.850	ng	100
50) Dimethylphthalate	13.874	163	2378221	41.363	ng	99
51) 2,6-Dinitrotoluene	13.992	165	507834	42.157	ng	97
52) Acenaphthene	14.480	154	1793377	40.647	ng	100
53) 3-Nitroaniline	14.321	138	470126	40.379	ng	98
54) 2,4-Dinitrophenol	14.527	184	303052	38.826	ng	96
55) Dibenzofuran	14.816	168	3017040	40.905	ng	99
56) 4-Nitrophenol	14.651	139	405834	39.116	ng	99
57) 2,4-Dinitrotoluene	14.780	165	693333	43.143	ng	97
58) Fluorene	15.463	166	2414109	41.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	693837	40.150	ng	99
60) Diethylphthalate	15.239	149	2306180	41.825	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1319631	41.983	ng	99
62) 4-Nitroaniline	15.486	138	481956	40.029	ng	97
63) Azobenzene	15.751	77	1953055	41.372	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	421689	41.307	ng	99
66) n-Nitrosodiphenylamine	15.674	169	1972240	40.680	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	787351	41.866	ng	97
68) Hexachlorobenzene	16.468	284	891484	41.327	ng	98
69) Atrazine	16.627	200	430245	34.227	ng	97
70) Pentachlorophenol	16.815	266	614226	38.676	ng	99
71) Phenanthrene	17.204	178	3644685	41.036	ng	100
72) Anthracene	17.292	178	3574054	40.834	ng	100
73) Carbazole	17.562	167	3331311	40.409	ng	99
74) Di-n-butylphthalate	18.127	149	4052916	42.683	ng	100
75) Fluoranthene	19.215	202	4564363	41.797	ng	99
77) Benzidine	19.409	184	594353	27.438	ng	99
78) Pyrene	19.580	202	4707115	41.830	ng	99
80) Butylbenzylphthalate	20.480	149	1798271	42.529	ng	96
81) Benzo(a)anthracene	21.380	228	4473844	41.228	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	1631935	39.823	ng	99
83) Chrysene	21.439	228	4211004	40.818	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2668456	43.315	ng	98
85) Di-n-octyl phthalate	22.433	149	4537081	42.098	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	5103923	39.595	ng	99
88) Benzo(b)fluoranthene	23.450	252	4521517	40.940	ng	99
89) Benzo(k)fluoranthene	23.509	252	4346087	40.607	ng	99
90) Benzo(a)pyrene	24.256	252	3928210	40.476	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	4230944	39.848	ng	100
92) Benzo(g,h,i)perylene	28.832	276	4269213	39.348	ng	99

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

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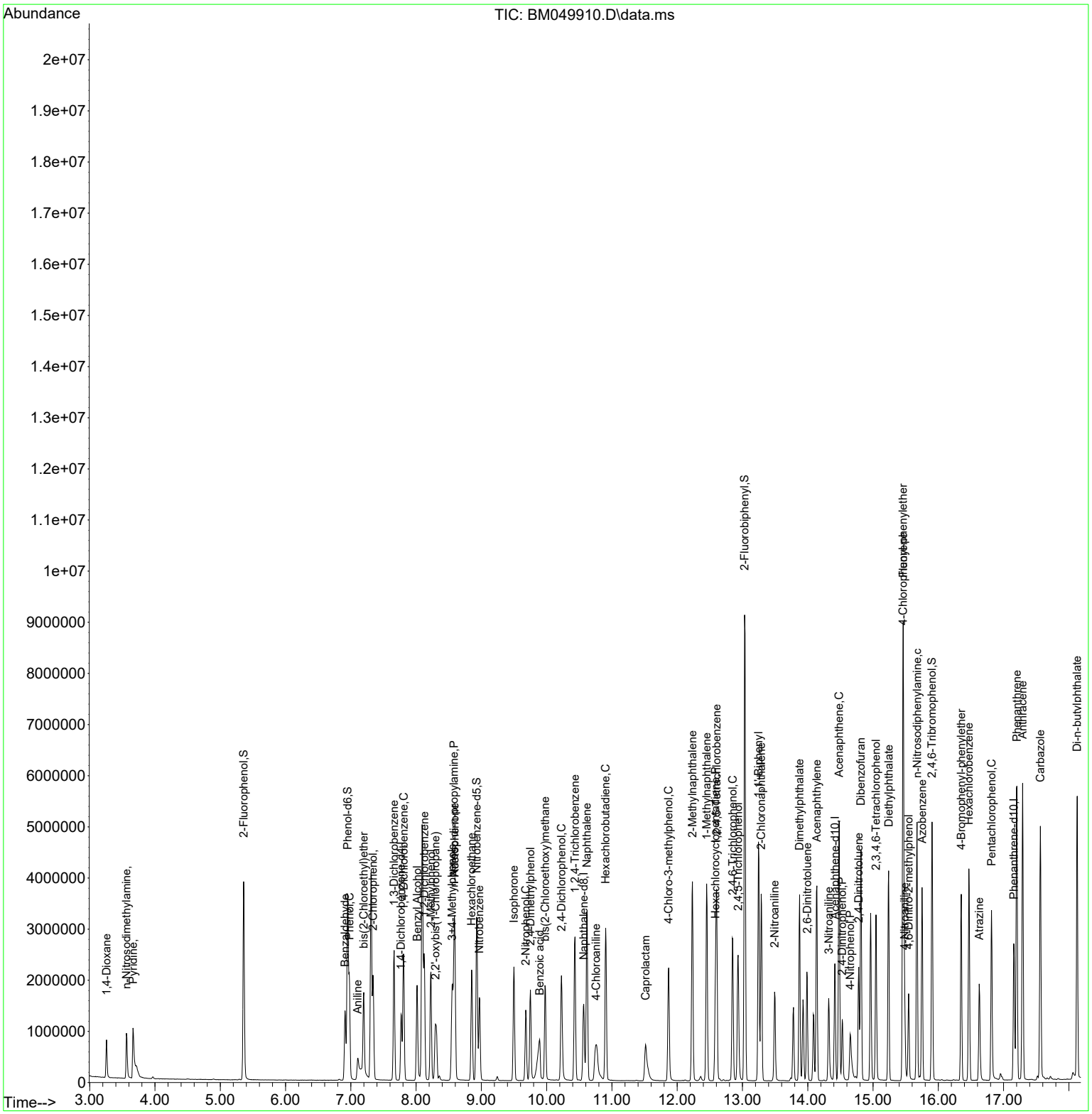

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