Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	329367	20.000	ng		-0.01
21) Naphthalene-d8	10.545	136	1090203	20.000	ng		-0.02
39) Acenaphthene-d10	14.398	164	636680	20.000	ng		-0.01
64) Phenanthrene-d10	17.145	188	1171488	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	1137064	20.000	ng		-0.01
86) Perylene-d12	24.374	264	1050482	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1763849	93.775	ng		0.00
7) Phenol-d6	6.940	99	2108064	89.170	ng		-0.01
23) Nitrobenzene-d5	8.916	82	2051183	92.712	ng		-0.01
42) 2,4,6-Tribromophenol	15.892	330	795940	84.547	ng		-0.01
45) 2-Fluorobiphenyl	13.016	172	5083891	94.461	ng		-0.02
79) Terphenyl-d14	19.768	244	7303717	95.048	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	383184	47.513	ng		96
3) Pyridine	3.669	79	989783	47.766	ng		96
4) n-Nitrosodimethylamine	3.581	42	376576	46.336	ng		94
6) Aniline	7.087	93	1270890	42.572	ng		98
8) 2-Chlorophenol	7.328	128	859309	42.253	ng		97
9) Benzaldehyde	6.904	77	719532	45.481	ng		96
10) Phenol	6.969	94	1056904	44.161	ng		99
11) bis(2-Chloroethyl)ether	7.181	93	856057	42.836	ng		98
12) 1,3-Dichlorobenzene	7.645	146	1045209	42.546	ng		98
13) 1,4-Dichlorobenzene	7.792	146	1048234	42.473	ng		99
14) 1,2-Dichlorobenzene	8.110	146	989132	41.490	ng		100
15) Benzyl Alcohol	8.004	79	692547	42.242	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1045823	43.052	ng		99
17) 2-Methylphenol	8.210	107	648585	41.137	ng		99
18) Hexachloroethane	8.828	117	378276	43.117	ng		95
19) n-Nitroso-di-n-propyla...	8.563	70	555015	36.605	ng		99
20) 3+4-Methylphenols	8.539	107	857963	40.296	ng		98
22) Acetophenone	8.581	105	1209811	44.635	ng	#	99
24) Nitrobenzene	8.957	77	875427	45.762	ng		99
25) Isophorone	9.481	82	1574508	41.750	ng		97
26) 2-Nitrophenol	9.663	139	430669	44.067	ng		94
27) 2,4-Dimethylphenol	9.734	122	691532	42.668	ng		98
28) bis(2-Chloroethoxy)met...	9.957	93	991786	42.549	ng		99
29) 2,4-Dichlorophenol	10.210	162	775404	42.706	ng		98
30) 1,2,4-Trichlorobenzene	10.410	180	949929	42.941	ng		100
31) Naphthalene	10.592	128	2368369	42.897	ng		100
32) Benzoic acid	9.898	122	406206	39.188	ng		94
33) 4-Chloroaniline	10.710	127	928926	41.048	ng		98
34) Hexachlorobutadiene	10.881	225	608678	43.347	ng		99
35) Caprolactam	11.510	113	194333	36.708	ng		90
36) 4-Chloro-3-methylphenol	11.851	107	661004	39.405	ng		97
37) 2-Methylnaphthalene	12.210	142	1522915	41.142	ng		99
38) 1-Methylnaphthalene	12.427	142	1586181	40.492	ng		100
40) 1,2,4,5-Tetrachloroben...	12.586	216	1034474	46.936	ng		100
41) Hexachlorocyclopentadiene	12.563	237	600946	44.616	ng		100
43) 2,4,6-Trichlorophenol	12.833	196	631478	45.172	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	671975	44.577	ng	98
46) 1,1'-Biphenyl	13.227	154	2131816	45.044	ng	99
47) 2-Chloronaphthalene	13.269	162	1684006	44.927	ng	99
48) 2-Nitroaniline	13.480	65	410017	46.607	ng	94
49) Acenaphthylene	14.116	152	2573916	43.552	ng	100
50) Dimethylphthalate	13.857	163	1902354	40.885	ng	100
51) 2,6-Dinitrotoluene	13.974	165	405683	42.111	ng	91
52) Acenaphthene	14.463	154	1493734	43.665	ng	99
53) 3-Nitroaniline	14.310	138	390509	42.458	ng	96
54) 2,4-Dinitrophenol	14.527	184	205027	36.611	ng	93
55) Dibenzofuran	14.798	168	2443491	42.931	ng	100
56) 4-Nitrophenol	14.651	139	282631	40.165	ng	93
57) 2,4-Dinitrotoluene	14.774	165	558403	41.948	ng	98
58) Fluorene	15.445	166	2065086	44.327	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	545793	41.828	ng	99
60) Diethylphthalate	15.221	149	1779559	40.589	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1121604	43.832	ng	98
62) 4-Nitroaniline	15.480	138	376575	42.437	ng	96
63) Azobenzene	15.733	77	1645970	44.796	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	307321	41.909	ng	93
66) n-Nitrosodiphenylamine	15.657	169	1598289	44.430	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	618264	43.643	ng	98
68) Hexachlorobenzene	16.457	284	713913	43.718	ng	98
69) Atrazine	16.610	200	550481	42.423	ng	99
70) Pentachlorophenol	16.804	266	408293	44.419	ng	99
71) Phenanthrene	17.186	178	2915695	44.128	ng	99
72) Anthracene	17.274	178	2984695	44.637	ng	99
73) Carbazole	17.551	167	2517620	43.390	ng	99
74) Di-n-butylphthalate	18.109	149	2966936	42.938	ng	99
75) Fluoranthene	19.203	202	3374127	43.496	ng	100
77) Benzidine	19.398	184	1153850	28.568	ng	99
78) Pyrene	19.568	202	3494418	43.763	ng	100
80) Butylbenzylphthalate	20.468	149	1248988	41.763	ng	95
81) Benzo(a)anthracene	21.368	228	3455861	44.135	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	1252229	41.777	ng	99
83) Chrysene	21.427	228	3117333	43.016	ng	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	1873155	41.933	ng	100
85) Di-n-octyl phthalate	22.415	149	2890157	39.233	ng	98
87) Indeno(1,2,3-cd)pyrene	27.756	276	3404250	43.491	ng	99
88) Benzo(b)fluoranthene	23.433	252	2969664	43.470	ng	100
89) Benzo(k)fluoranthene	23.497	252	3066550	44.376	ng	100
90) Benzo(a)pyrene	24.238	252	2780579	43.457	ng	99
91) Dibenzo(a,h)anthracene	27.803	278	2773732	43.471	ng	99
92) Benzo(g,h,i)perylene	28.809	276	2650473	43.389	ng	99

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

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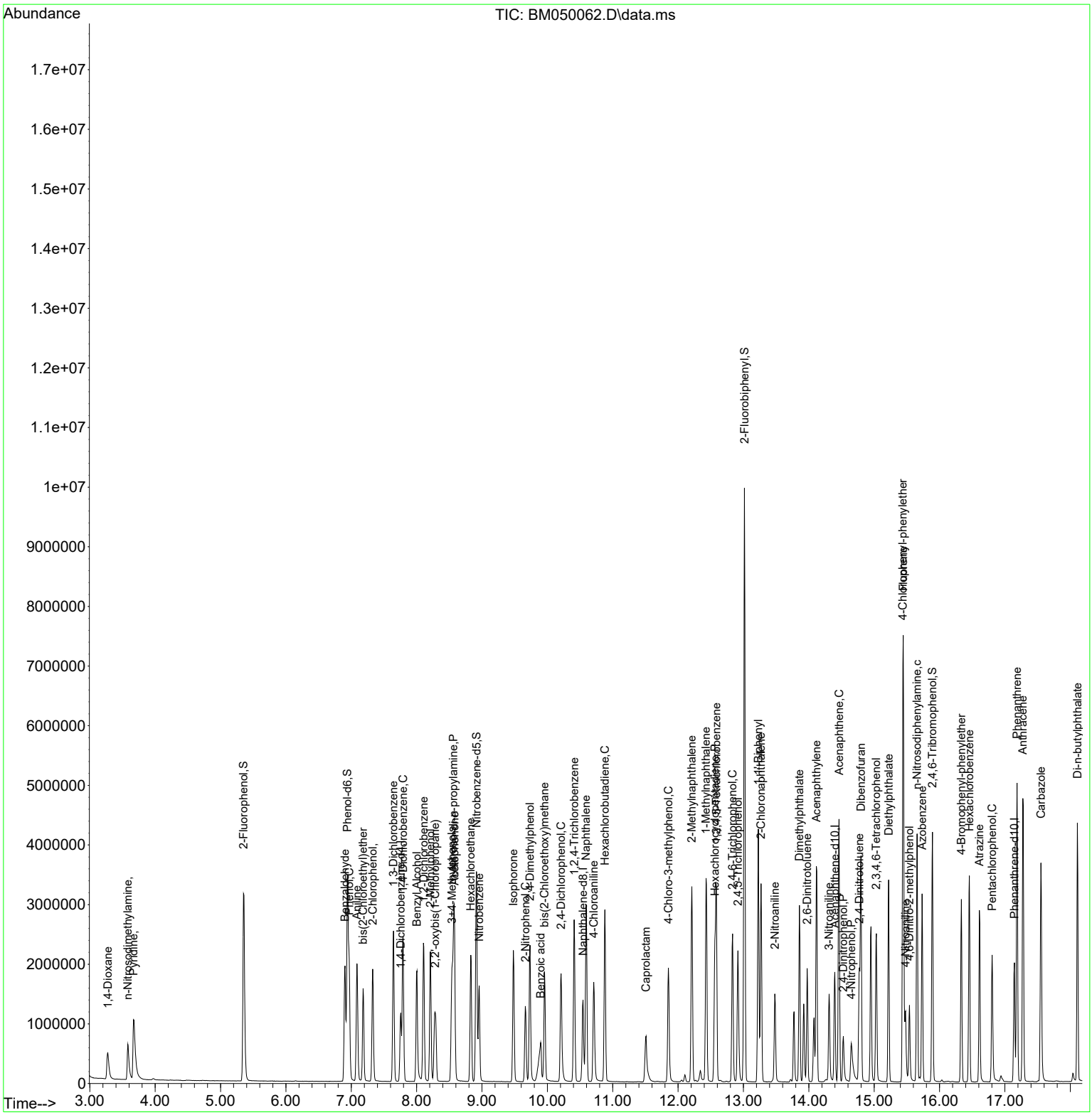

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