Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050007.D
Acq On : 23 Apr 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 23 11:33:21 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	7.763	152	307209	20.000	ng		-0.02
21) Naphthalene-d8	10.557	136	1029596	20.000	ng		-0.02
39) Acenaphthene-d10	14.410	164	636547	20.000	ng		-0.01
64) Phenanthrene-d10	17.157	188	1225577	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1143346	20.000	ng		0.00
86) Perylene-d12	24.403	264	1143262	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1368526	75.644	ng		0.00
7) Phenol-d6	6.951	99	1692201	75.178	ng		0.00
23) Nitrobenzene-d5	8.922	82	1457079	78.805	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	720958	77.867	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	3780811	80.541	ng		-0.02
79) Terphenyl-d14	19.780	244	5490354	89.992	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	275782	37.014	ng		98
3) Pyridine	3.652	79	705690	36.049	ng		99
4) n-Nitrosodimethylamine	3.563	42	286469	38.453	ng		99
6) Aniline	7.093	93	717686	37.210	ng		99
8) 2-Chlorophenol	7.334	128	704032	37.973	ng		98
9) Benzaldehyde	6.904	77	485854	42.062	ng		98
10) Phenol	6.975	94	821496	37.399	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	677722	39.344	ng		98
12) 1,3-Dichlorobenzene	7.651	146	834164	38.055	ng		99
13) 1,4-Dichlorobenzene	7.798	146	843445	38.241	ng		99
14) 1,2-Dichlorobenzene	8.116	146	795085	38.272	ng		99
15) Benzyl Alcohol	8.010	79	534044	37.677	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.298	45	759295	39.548	ng		99
17) 2-Methylphenol	8.222	107	509486	37.638	ng		98
18) Hexachloroethane	8.840	117	294470	38.375	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	485097	38.911	ng		100
20) 3+4-Methylphenols	8.551	107	688809	37.325	ng		98
22) Acetophenone	8.587	105	967807	38.678	ng	#	99
24) Nitrobenzene	8.963	77	693757	38.967	ng		98
25) Isophorone	9.492	82	1204335	38.882	ng		99
26) 2-Nitrophenol	9.675	139	376041	39.851	ng		97
27) 2,4-Dimethylphenol	9.745	122	415924	38.893	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	802888	38.719	ng		99
29) 2,4-Dichlorophenol	10.228	162	668751	37.621	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	804051	39.099	ng		100
31) Naphthalene	10.610	128	2031480	38.399	ng		99
32) Benzoic acid	9.916	122	414586	34.251	ng		97
33) 4-Chloroaniline	10.722	127	669894	35.859	ng		98
34) Hexachlorobutadiene	10.892	225	515190	40.501	ng		99
35) Caprolactam	11.516	113	179393	35.186	ng		97
36) 4-Chloro-3-methylphenol	11.875	107	588752	37.811	ng		98
37) 2-Methylnaphthalene	12.228	142	1436558	38.540	ng		99
38) 1-Methylnaphthalene	12.445	142	1393736	38.380	ng		98
40) 1,2,4,5-Tetrachloroben...	12.598	216	898206	40.334	ng		99
41) Hexachlorocyclopentadiene	12.575	237	372283	47.708	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	560866	39.579	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	601802	39.079	ng		99
46) 1,1'-Biphenyl	13.239	154	1869147	39.501	ng		100
47) 2-Chloronaphthalene	13.286	162	1441625	38.762	ng		99
48) 2-Nitroaniline	13.492	65	342521	39.809	ng		95
49) Acenaphthylene	14.133	152	2096087	38.691	ng		99
50) Dimethylphthalate	13.869	163	1750228	38.974	ng		100
51) 2,6-Dinitrotoluene	13.986	165	377054	40.075	ng		100
52) Acenaphthene	14.474	154	1323181	38.397	ng		98
53) 3-Nitroaniline	14.322	138	345390	37.982	ng		97
54) 2,4-Dinitrophenol	14.539	184	202642	34.280	ng		96
55) Dibenzofuran	14.810	168	2225698	38.636	ng		99
56) 4-Nitrophenol	14.680	139	260516	32.148	ng		99
57) 2,4-Dinitrotoluene	14.786	165	504562	40.198	ng	#	98
58) Fluorene	15.463	166	1764387	38.531	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	505433	37.447	ng		98
60) Diethylphthalate	15.233	149	1658566	38.513	ng		99
61) 4-Chlorophenyl-phenyle...	15.451	204	971518	39.573	ng		98
62) 4-Nitroaniline	15.492	138	345338	36.722	ng		99
63) Azobenzene	15.745	77	1429240	38.764	ng		99
65) 4,6-Dinitro-2-methylph...	15.557	198	296238	38.358	ng		96
66) n-Nitrosodiphenylamine	15.669	169	1425237	38.859	ng		100
67) 4-Bromophenyl-phenylether	16.345	248	579673	40.743	ng		97
68) Hexachlorobenzene	16.468	284	657395	40.283	ng		99
69) Atrazine	16.621	200	362821	38.153	ng		99
70) Pentachlorophenol	16.821	266	399968	33.290	ng		100
71) Phenanthrene	17.198	178	2578850	38.381	ng		100
72) Anthracene	17.292	178	2575789	38.900	ng		99
73) Carbazole	17.563	167	2319294	37.188	ng		100
74) Di-n-butylphthalate	18.121	149	2791490	38.860	ng		100
75) Fluoranthene	19.215	202	3159637	38.246	ng		100
77) Benzidine	19.409	184	573934	37.838	ng		99
78) Pyrene	19.580	202	3256076	41.322	ng		99
80) Butylbenzylphthalate	20.474	149	1189963	40.190	ng		100
81) Benzo(a)anthracene	21.380	228	2963608	39.002	ng		99
82) 3,3'-Dichlorobenzidine	21.303	252	1007638	35.115	ng		99
83) Chrysene	21.445	228	2765453	38.281	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	1712708	39.703	ng		99
85) Di-n-octyl phthalate	22.427	149	2835535	37.573	ng		100
87) Indeno(1,2,3-cd)pyrene	27.803	276	3151724	36.983	ng		99
88) Benzo(b)fluoranthene	23.456	252	2858943	39.155	ng		99
89) Benzo(k)fluoranthene	23.515	252	2706966	38.257	ng		100
90) Benzo(a)pyrene	24.262	252	2444727	38.103	ng		99
91) Dibenzo(a,h)anthracene	27.850	278	2581859	36.781	ng		99
92) Benzo(g,h,i)perylene	28.856	276	2607452	36.351	ng		98

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

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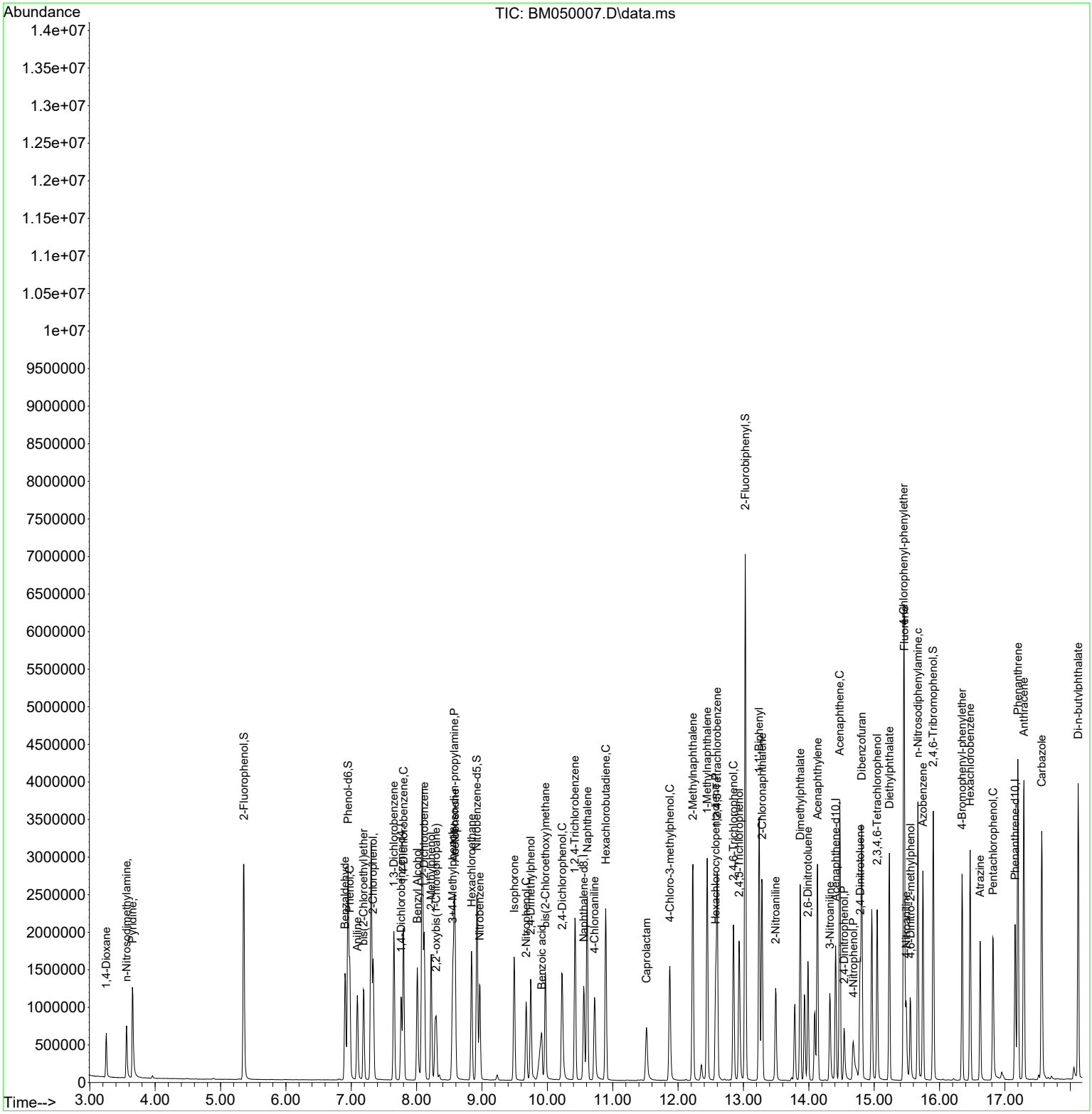

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