Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042125\
Data File : BM049978.D
Acq On : 21 Apr 2025 09:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 21 11:35:28 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	440878	20.000	ng		-0.01
21) Naphthalene-d8	10.563	136	1548209	20.000	ng		-0.01
39) Acenaphthene-d10	14.416	164	988594	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1901939	20.000	ng		0.00
76) Chrysene-d12	21.403	240	1473150	20.000	ng		0.00
86) Perylene-d12	24.403	264	1238102	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1962494	75.587	ng		0.00
7) Phenol-d6	6.957	99	2574631	79.702	ng		0.00
23) Nitrobenzene-d5	8.928	82	2166809	77.935	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1142565	79.458	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	5809785	79.690	ng		-0.01
79) Terphenyl-d14	19.786	244	7802165	99.254	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	379415	35.484	ng		100
3) Pyridine	3.657	79	1034565	36.826	ng		99
4) n-Nitrosodimethylamine	3.563	42	413931	38.717	ng		93
6) Aniline	7.098	93	1086456	39.251	ng		99
8) 2-Chlorophenol	7.340	128	1035855	38.931	ng		99
9) Benzaldehyde	6.910	77	797977	48.138	ng		98
10) Phenol	6.981	94	1241788	39.393	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	1006132	40.701	ng		100
12) 1,3-Dichlorobenzene	7.657	146	1198495	38.099	ng		98
13) 1,4-Dichlorobenzene	7.804	146	1202928	38.004	ng		100
14) 1,2-Dichlorobenzene	8.122	146	1145007	38.406	ng		100
15) Benzyl Alcohol	8.016	79	822572	40.438	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1122984	40.757	ng		98
17) 2-Methylphenol	8.228	107	775568	39.924	ng		99
18) Hexachloroethane	8.845	117	413613	37.559	ng		95
19) n-Nitroso-di-n-propyla...	8.575	70	741144	41.425	ng		98
20) 3+4-Methylphenols	8.551	107	1071887	40.473	ng		99
22) Acetophenone	8.592	105	1448639	38.501	ng	#	99
24) Nitrobenzene	8.969	77	1044551	39.017	ng		98
25) Isophorone	9.498	82	1879545	40.355	ng		99
26) 2-Nitrophenol	9.681	139	585320	41.251	ng		99
27) 2,4-Dimethylphenol	9.751	122	655811	40.783	ng		98
28) bis(2-Chloroethoxy)met...	9.975	93	1246681	39.982	ng		99
29) 2,4-Dichlorophenol	10.228	162	1061916	39.727	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	1198438	38.756	ng		99
31) Naphthalene	10.610	128	3057481	38.433	ng		99
32) Benzoic acid	9.928	122	701995m	37.493	ng		
33) 4-Chloroaniline	10.728	127	1074162	38.238	ng		99
34) Hexachlorobutadiene	10.898	225	752399	39.335	ng		99
35) Caprolactam	11.527	113	289715	37.790	ng		96
36) 4-Chloro-3-methylphenol	11.875	107	937332	40.033	ng		99
37) 2-Methylnaphthalene	12.227	142	2252297	40.184	ng		99
38) 1-Methylnaphthalene	12.451	142	2175250	39.835	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1406249	40.660	ng		99
41) Hexachlorocyclopentadiene	12.580	237	403715	33.313	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	892469	40.552	ng		98

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44) 2,4,5-Trichlorophenol	12.933	196	954170	39.896	ng	99
46) 1,1'-Biphenyl	13.245	154	2876826	39.146	ng	100
47) 2-Chloronaphthalene	13.286	162	2227554	38.565	ng	99
48) 2-Nitroaniline	13.492	65	539642	40.384	ng	97
49) Acenaphthylene	14.133	152	3304518	39.275	ng	99
50) Dimethylphthalate	13.874	163	2744008	39.344	ng	99
51) 2,6-Dinitrotoluene	13.992	165	598148	40.935	ng	96
52) Acenaphthene	14.480	154	2075478	38.780	ng	100
53) 3-Nitroaniline	14.327	138	546763	38.715	ng	96
54) 2,4-Dinitrophenol	14.539	184	336932	36.190	ng	97
55) Dibenzofuran	14.816	168	3485459	38.958	ng	98
56) 4-Nitrophenol	14.668	139	428710	34.064	ng	99
57) 2,4-Dinitrotoluene	14.786	165	799030	40.989	ng	97
58) Fluorene	15.463	166	2743854	38.583	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	808102	38.551	ng	96
60) Diethylphthalate	15.233	149	2567987	38.395	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1526240	40.029	ng	98
62) 4-Nitroaniline	15.486	138	542297	37.131	ng	97
63) Azobenzene	15.751	77	2166520	37.835	ng	97
65) 4,6-Dinitro-2-methylph...	15.557	198	473013	39.467	ng	96
66) n-Nitrosodiphenylamine	15.674	169	2231054	39.198	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	911465	41.282	ng	96
68) Hexachlorobenzene	16.474	284	1029683	40.658	ng	97
69) Atrazine	16.627	200	477044	32.325	ng	98
70) Pentachlorophenol	16.821	266	638493	34.245	ng	99
71) Phenanthrene	17.204	178	4007799	38.436	ng	100
72) Anthracene	17.292	178	3962642	38.563	ng	100
73) Carbazole	17.568	167	3558113	36.763	ng	99
74) Di-n-butylphthalate	18.121	149	4162559	37.340	ng	100
75) Fluoranthene	19.221	202	4763746	37.157	ng	98
77) Benzidine	19.403	184	764189	39.102	ng	99
78) Pyrene	19.580	202	4815851	47.434	ng	99
80) Butylbenzylphthalate	20.480	149	1622563	42.532	ng	96
81) Benzo(a)anthracene	21.386	228	3835915	39.180	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1255505	33.957	ng	99
83) Chrysene	21.445	228	3528251	37.906	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2165959	38.969	ng	98
85) Di-n-octyl phthalate	22.433	149	3334041	34.288	ng	100
87) Indeno(1,2,3-cd)pyrene	27.803	276	3262232	35.348	ng	99
88) Benzo(b)fluoranthene	23.456	252	3224711	40.782	ng	99
89) Benzo(k)fluoranthene	23.521	252	3076084	40.143	ng	100
90) Benzo(a)pyrene	24.262	252	2698980	38.843	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	2683131	35.296	ng	99
92) Benzo(g,h,i)perylene	28.856	276	2682521	34.533	ng	99

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

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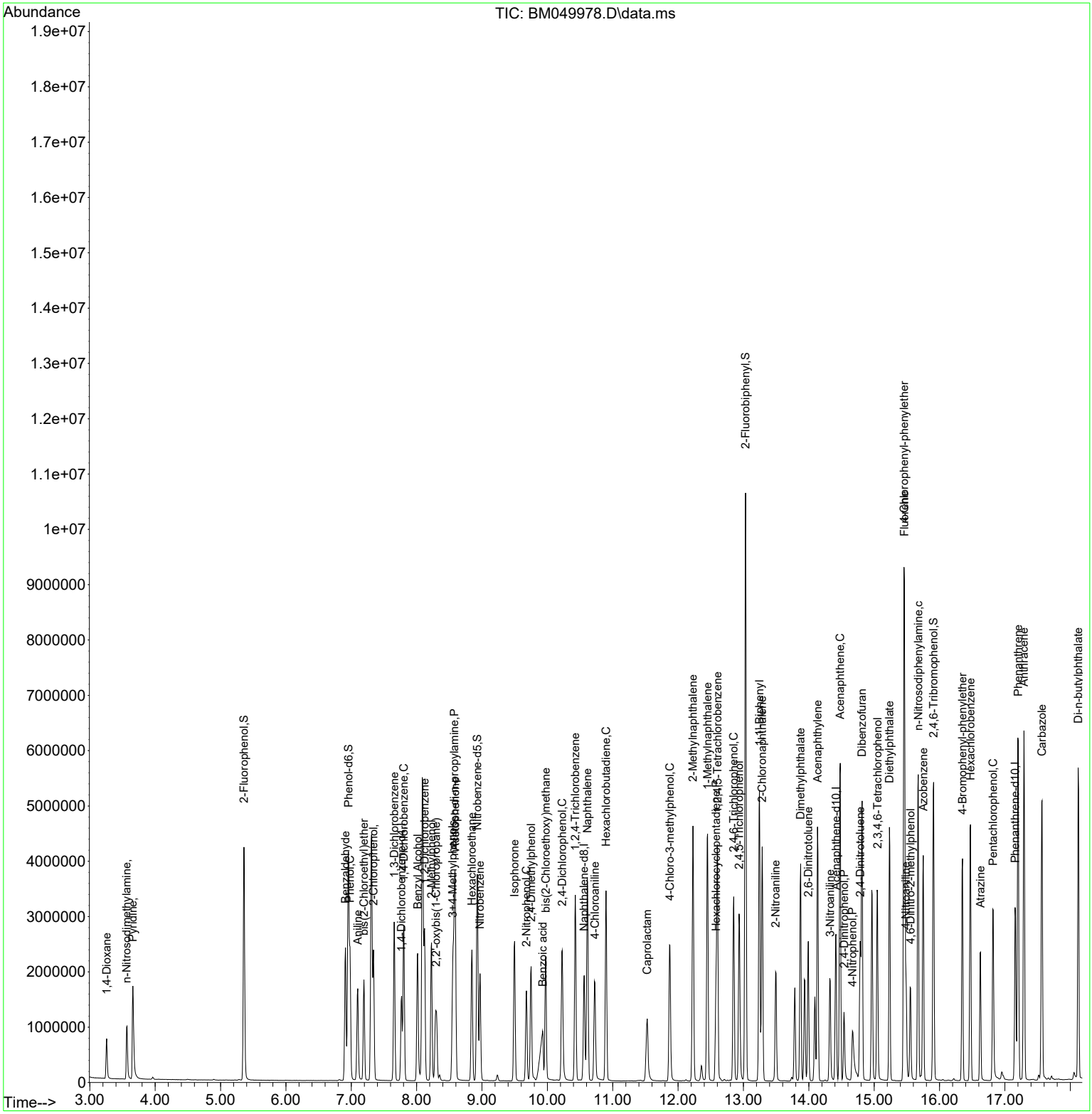

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