Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049990.D
Acq On : 22 Apr 2025 11:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 22 12:15:28 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	7.763	152	239321	20.000	ng		-0.02
21) Naphthalene-d8	10.557	136	828772	20.000	ng		-0.02
39) Acenaphthene-d10	14.410	164	535842	20.000	ng		-0.01
64) Phenanthrene-d10	17.157	188	1083677	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1097125	20.000	ng		0.00
86) Perylene-d12	24.397	264	1128543	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1071454	76.024	ng		0.00
7) Phenol-d6	6.951	99	1354790	77.262	ng		0.00
23) Nitrobenzene-d5	8.922	82	1170705	78.660	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	614055	78.785	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	3062639	77.504	ng		-0.02
79) Terphenyl-d14	19.780	244	5017930	85.714	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	211031	36.358	ng		98
3) Pyridine	3.657	79	570702	37.423	ng		99
4) n-Nitrosodimethylamine	3.563	42	222055	38.262	ng		99
6) Aniline	7.092	93	561717	37.384	ng		98
8) 2-Chlorophenol	7.334	128	558261	38.652	ng		99
9) Benzaldehyde	6.904	77	401724	44.644	ng		98
10) Phenol	6.975	94	657927	38.449	ng		100
11) bis(2-Chloroethyl)ether	7.187	93	525493	39.161	ng		99
12) 1,3-Dichlorobenzene	7.657	146	648002	37.948	ng		100
13) 1,4-Dichlorobenzene	7.798	146	651447	37.915	ng		98
14) 1,2-Dichlorobenzene	8.116	146	622235	38.449	ng		99
15) Benzyl Alcohol	8.010	79	419916	38.029	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	578124	38.653	ng		98
17) 2-Methylphenol	8.222	107	409805	38.862	ng		99
18) Hexachloroethane	8.839	117	224539	37.563	ng		96
19) n-Nitroso-di-n-propyla...	8.569	70	386319	39.778	ng		99
20) 3+4-Methylphenols	8.551	107	559607	38.925	ng		97
22) Acetophenone	8.586	105	776325	38.543	ng	#	99
24) Nitrobenzene	8.963	77	556201	38.811	ng		98
25) Isophorone	9.492	82	968349	38.839	ng		99
26) 2-Nitrophenol	9.675	139	300926	39.618	ng		97
27) 2,4-Dimethylphenol	9.745	122	335993	39.032	ng		98
28) bis(2-Chloroethoxy)met...	9.969	93	635763	38.089	ng		99
29) 2,4-Dichlorophenol	10.222	162	548874	38.359	ng		98
30) 1,2,4-Trichlorobenzene	10.422	180	633775	38.287	ng		99
31) Naphthalene	10.610	128	1623024	38.112	ng		99
32) Benzoic acid	9.898	122	360732m	36.333	ng		
33) 4-Chloroaniline	10.722	127	563372	37.464	ng		99
34) Hexachlorobutadiene	10.892	225	398923	38.960	ng		99
35) Caprolactam	11.510	113	154971	37.761	ng		95
36) 4-Chloro-3-methylphenol	11.869	107	488395	38.966	ng		99
37) 2-Methylnaphthalene	12.222	142	1160959	38.693	ng		100
38) 1-Methylnaphthalene	12.445	142	1124748	38.478	ng		99
40) 1,2,4,5-Tetrachloroben...	12.598	216	721678	38.497	ng		100
41) Hexachlorocyclopentadiene	12.574	237	349661	53.231	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	462176	38.744	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	504112	38.888	ng	100
46) 1,1'-Biphenyl	13.239	154	1516238	38.065	ng	99
47) 2-Chloronaphthalene	13.280	162	1195434	38.183	ng	99
48) 2-Nitroaniline	13.492	65	289570	39.980	ng	98
49) Acenaphthylene	14.133	152	1777501	38.976	ng	100
50) Dimethylphthalate	13.868	163	1472364	38.948	ng	100
51) 2,6-Dinitrotoluene	13.986	165	318477	40.211	ng	99
52) Acenaphthene	14.474	154	1104758	38.084	ng	98
53) 3-Nitroaniline	14.321	138	300429	39.247	ng	98
54) 2,4-Dinitrophenol	14.539	184	173263	34.705	ng	97
55) Dibenzofuran	14.810	168	1883039	38.831	ng	99
56) 4-Nitrophenol	14.674	139	239480	35.106	ng	97
57) 2,4-Dinitrotoluene	14.780	165	434019	41.076	ng	99
58) Fluorene	15.457	166	1496464	38.822	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	433848	38.184	ng	98
60) Diethylphthalate	15.233	149	1413418	38.988	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	814003	39.388	ng	98
62) 4-Nitroaniline	15.486	138	310670	39.245	ng	96
63) Azobenzene	15.745	77	1209099	38.956	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	260152	38.096	ng	99
66) n-Nitrosodiphenylamine	15.668	169	1225866	37.800	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	487006	38.712	ng	97
68) Hexachlorobenzene	16.468	284	560043	38.811	ng	99
69) Atrazine	16.621	200	314374	37.387	ng	98
70) Pentachlorophenol	16.815	266	354557	33.375	ng	99
71) Phenanthrene	17.198	178	2279812	38.373	ng	100
72) Anthracene	17.286	178	2263030	38.652	ng	99
73) Carbazole	17.562	167	2098521	38.054	ng	99
74) Di-n-butylphthalate	18.121	149	2417853	38.066	ng	100
75) Fluoranthene	19.215	202	2863572	39.201	ng	99
77) Benzidine	19.403	184	369738	25.403	ng	99
78) Pyrene	19.580	202	2979679	39.408	ng	99
80) Butylbenzylphthalate	20.474	149	1076410	37.886	ng	99
81) Benzo(a)anthracene	21.380	228	2835444	38.887	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	962069	34.939	ng	99
83) Chrysene	21.439	228	2670554	38.525	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1539395	37.189	ng	99
85) Di-n-octyl phthalate	22.427	149	2578522	35.607	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	3115049	37.030	ng	99
88) Benzo(b)fluoranthene	23.450	252	2801446	38.868	ng	99
89) Benzo(k)fluoranthene	23.515	252	2719981	38.942	ng	100
90) Benzo(a)pyrene	24.256	252	2430040	38.368	ng	98
91) Dibenzo(a,h)anthracene	27.838	278	2560539	36.953	ng	98
92) Benzo(g,h,i)perylene	28.850	276	2591922	36.606	ng	99

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

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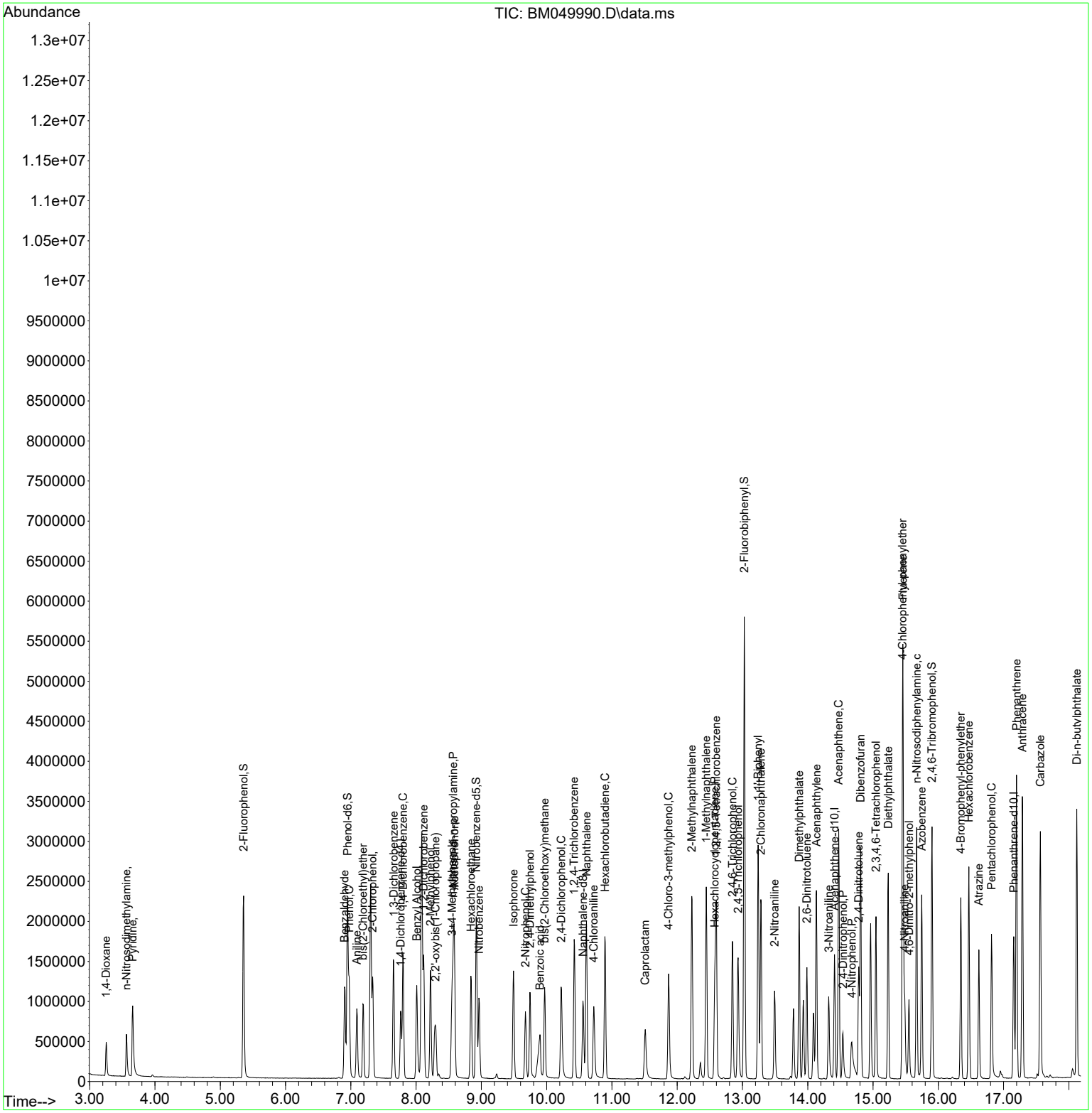

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