Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049960.D
Acq On : 18 Apr 2025 11:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 18 11:54:32 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	435552	20.000	ng		-0.01
21) Naphthalene-d8	10.563	136	1415185	20.000	ng		-0.01
39) Acenaphthene-d10	14.410	164	851595	20.000	ng		-0.01
64) Phenanthrene-d10	17.156	188	1575892	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1471772	20.000	ng		0.00
86) Perylene-d12	24.391	264	1474242	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1931781	75.314	ng		0.00
7) Phenol-d6	6.951	99	2376678	74.474	ng		0.00
23) Nitrobenzene-d5	8.928	82	2002507	78.795	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	932090	75.249	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	5089374	81.039	ng		-0.01
79) Terphenyl-d14	19.780	244	6904828	87.921	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	392924	37.197	ng		98
3) Pyridine	3.657	79	994035	35.816	ng		100
4) n-Nitrosodimethylamine	3.563	42	408429	38.669	ng		96
6) Aniline	7.098	93	966755	35.353	ng		99
8) 2-Chlorophenol	7.339	128	987992	37.586	ng		99
9) Benzaldehyde	6.910	77	647982	39.567	ng		97
10) Phenol	6.975	94	1145725	36.790	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	948066	38.821	ng		99
12) 1,3-Dichlorobenzene	7.657	146	1185675	38.152	ng		99
13) 1,4-Dichlorobenzene	7.804	146	1183282	37.841	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1117392	37.938	ng		100
15) Benzyl Alcohol	8.010	79	714222	35.541	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1043135	38.322	ng		99
17) 2-Methylphenol	8.222	107	699178	36.432	ng		99
18) Hexachloroethane	8.845	117	411969	37.868	ng		96
19) n-Nitroso-di-n-propyla...	8.575	70	653457	36.970	ng		99
20) 3+4-Methylphenols	8.551	107	949153	36.277	ng		98
22) Acetophenone	8.592	105	1320360	38.390	ng	#	99
24) Nitrobenzene	8.969	77	943172	38.542	ng		98
25) Isophorone	9.492	82	1598251	37.541	ng		99
26) 2-Nitrophenol	9.675	139	509910	39.314	ng		99
27) 2,4-Dimethylphenol	9.745	122	561227	38.181	ng		99
28) bis(2-Chloroethoxy)met...	9.975	93	1098922	38.556	ng		99
29) 2,4-Dichlorophenol	10.222	162	927783	37.972	ng		99
30) 1,2,4-Trichlorobenzene	10.427	180	1115238	39.455	ng		99
31) Naphthalene	10.610	128	2801398	38.524	ng		99
32) Benzoic acid	9.904	122	551422m	33.420	ng		
33) 4-Chloroaniline	10.722	127	902285	35.139	ng		99
34) Hexachlorobutadiene	10.898	225	709345	40.570	ng		99
35) Caprolactam	11.510	113	227752	32.500	ng		97
36) 4-Chloro-3-methylphenol	11.863	107	780116	36.450	ng		100
37) 2-Methylnaphthalene	12.227	142	1964723	38.348	ng		99
38) 1-Methylnaphthalene	12.445	142	1900729	38.080	ng		100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1210974	40.647	ng		99
41) Hexachlorocyclopentadiene	12.580	237	386034	36.978	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	745076	39.301	ng		98

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	792293	38.457	ng	99
46) 1,1'-Biphenyl	13.245	154	2499029	39.476	ng	99
47) 2-Chloronaphthalene	13.286	162	1948879	39.168	ng	99
48) 2-Nitroaniline	13.492	65	445265	38.682	ng	96
49) Acenaphthylene	14.133	152	2813773	38.822	ng	100
50) Dimethylphthalate	13.868	163	2260822	37.631	ng	99
51) 2,6-Dinitrotoluene	13.986	165	486398	38.642	ng	100
52) Acenaphthene	14.474	154	1768520	38.361	ng	99
53) 3-Nitroaniline	14.321	138	445740	36.639	ng	95
54) 2,4-Dinitrophenol	14.533	184	260268	33.198	ng	98
55) Dibenzofuran	14.810	168	2938603	38.129	ng	99
56) 4-Nitrophenol	14.662	139	350592	32.339	ng	99
57) 2,4-Dinitrotoluene	14.780	165	648074	38.593	ng	98
58) Fluorene	15.462	166	2318240	37.842	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	660325	36.569	ng	98
60) Diethylphthalate	15.233	149	2134354	37.045	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1287504	39.200	ng	98
62) 4-Nitroaniline	15.486	138	443560	35.256	ng	99
63) Azobenzene	15.745	77	1844966	37.403	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	379379	38.203	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1863828	39.521	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	749612	40.975	ng	97
68) Hexachlorobenzene	16.468	284	832935	39.694	ng	99
69) Atrazine	16.621	200	431183	35.262	ng	99
70) Pentachlorophenol	16.815	266	533542	34.536	ng	99
71) Phenanthrene	17.198	178	3364972	38.948	ng	100
72) Anthracene	17.286	178	3314212	38.926	ng	99
73) Carbazole	17.562	167	2974986	37.098	ng	99
74) Di-n-butylphthalate	18.121	149	3471451	37.583	ng	100
75) Fluoranthene	19.215	202	3972091	37.392	ng	99
77) Benzidine	19.403	184	520010	26.633	ng	100
78) Pyrene	19.580	202	4117230	40.591	ng	99
80) Butylbenzylphthalate	20.474	149	1452507	38.110	ng	98
81) Benzo(a)anthracene	21.374	228	3804085	38.891	ng	100
82) 3,3'-Dichlorobenzidine	21.297	252	1282611	34.723	ng	100
83) Chrysene	21.439	228	3566630	38.354	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	2117603	38.135	ng	99
85) Di-n-octyl phthalate	22.427	149	3506750	36.098	ng	100
87) Indeno(1,2,3-cd)pyrene	27.779	276	4243760	38.618	ng	99
88) Benzo(b)fluoranthene	23.444	252	3689099	39.181	ng	100
89) Benzo(k)fluoranthene	23.509	252	3649902	40.002	ng	100
90) Benzo(a)pyrene	24.256	252	3241784	39.182	ng	98
91) Dibenzo(a,h)anthracene	27.832	278	3466473	38.297	ng	99
92) Benzo(g,h,i)perylene	28.832	276	3507107	37.916	ng	99

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

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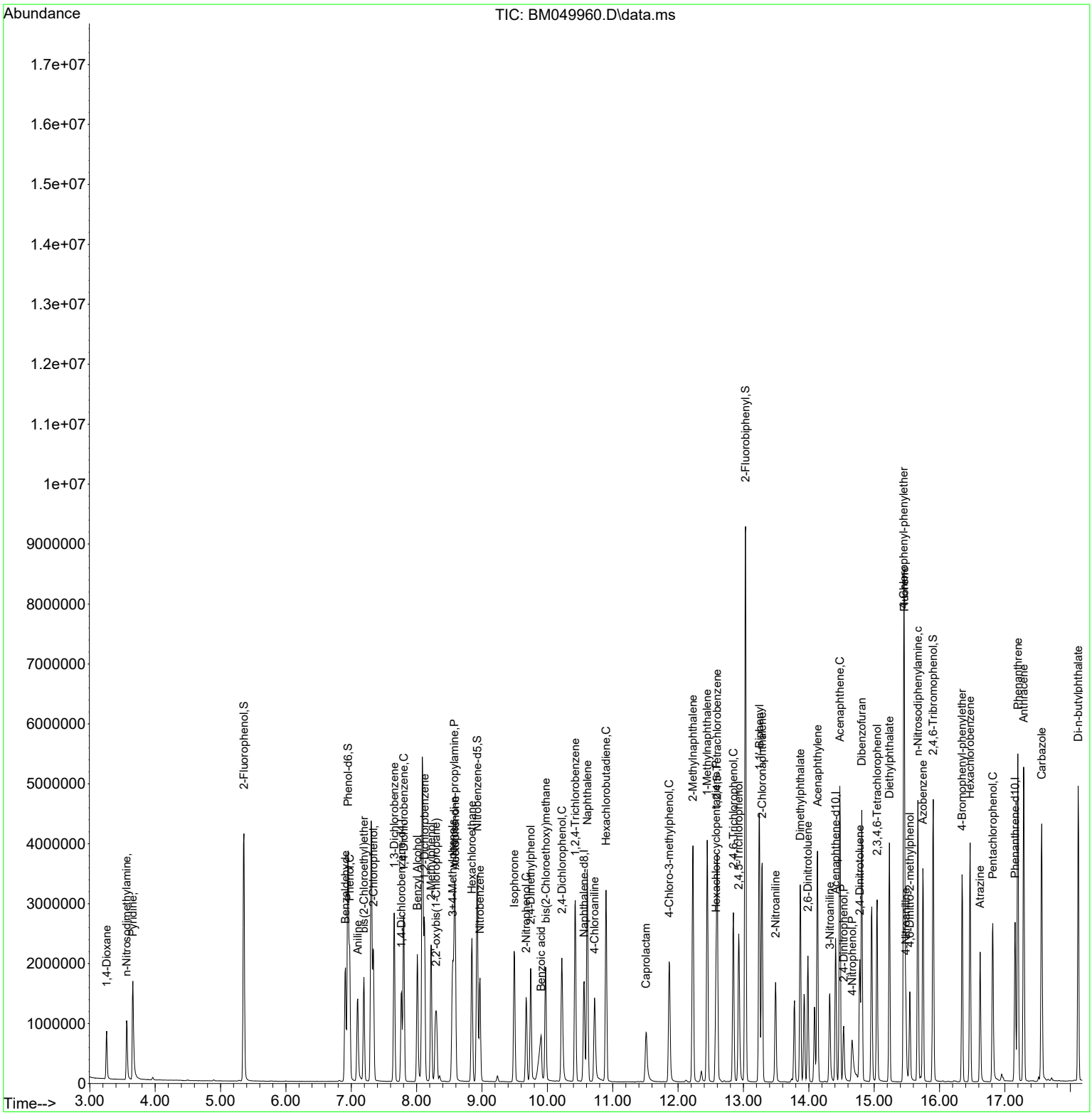

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