Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049800.D
Acq On : 03 Apr 2025 11:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 03 12:17:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.786	152	308620	20.000	ng		-0.02
21) Naphthalene-d8	10.580	136	1039482	20.000	ng		-0.02
39) Acenaphthene-d10	14.427	164	628522	20.000	ng		-0.02
64) Phenanthrene-d10	17.168	188	1166790	20.000	ng		-0.02
76) Chrysene-d12	21.403	240	1142791	20.000	ng		-0.02
86) Perylene-d12	24.403	264	1130597	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1462142	79.940	ng		-0.02
7) Phenol-d6	6.957	99	1853178	80.736	ng		-0.02
23) Nitrobenzene-d5	8.939	82	1604996	79.273	ng		-0.02
42) 2,4,6-Tribromophenol	15.915	330	603509	82.230	ng		-0.02
45) 2-Fluorobiphenyl	13.051	172	3799607	75.710	ng		-0.02
79) Terphenyl-d14	19.792	244	5439295	80.206	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	306299	38.684	ng		99
3) Pyridine	3.669	79	806741	39.896	ng		98
4) n-Nitrosodimethylamine	3.575	42	347942	38.888	ng		98
6) Aniline	7.116	93	758285	39.432	ng		99
8) 2-Chlorophenol	7.351	128	711478	39.281	ng		98
9) Benzaldehyde	6.922	77	412815	36.380	ng		97
10) Phenol	6.987	94	888180	39.906	ng		98
11) bis(2-Chloroethyl)ether	7.210	93	706839	39.218	ng		98
12) 1,3-Dichlorobenzene	7.675	146	834519	37.912	ng		99
13) 1,4-Dichlorobenzene	7.822	146	844273	38.020	ng		99
14) 1,2-Dichlorobenzene	8.139	146	798155	37.820	ng		98
15) Benzyl Alcohol	8.028	79	584620	40.586	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	825424	38.966	ng		99
17) 2-Methylphenol	8.234	107	526588	39.851	ng		98
18) Hexachloroethane	8.869	117	303638	38.720	ng		94
19) n-Nitroso-di-n-propyla...	8.592	70	538644	40.470	ng		99
20) 3+4-Methylphenols	8.557	107	713069	40.268	ng		97
22) Acetophenone	8.604	105	1048605	39.124	ng	#	98
24) Nitrobenzene	8.986	77	760756	39.849	ng		100
25) Isophorone	9.510	82	1255236	40.380	ng		99
26) 2-Nitrophenol	9.692	139	345299	42.496	ng		94
27) 2,4-Dimethylphenol	9.763	122	413691	39.998	ng		97
28) bis(2-Chloroethoxy)met...	9.992	93	854193	39.015	ng		100
29) 2,4-Dichlorophenol	10.233	162	664531	39.431	ng		99
30) 1,2,4-Trichlorobenzene	10.445	180	781043	37.041	ng		99
31) Naphthalene	10.633	128	2058657	38.515	ng		100
32) Benzoic acid	9.880	122	399523	45.420	ng		99
33) 4-Chloroaniline	10.739	127	716489	39.278	ng		99
34) Hexachlorobutadiene	10.922	225	476937	36.640	ng		99
35) Caprolactam	11.516	113	168376	43.032	ng		95
36) 4-Chloro-3-methylphenol	11.869	107	593443	41.032	ng		100
37) 2-Methylnaphthalene	12.245	142	1436243	38.428	ng		100
38) 1-Methylnaphthalene	12.469	142	1385635	38.426	ng		100
40) 1,2,4,5-Tetrachloroben...	12.616	216	857715	37.152	ng		99
41) Hexachlorocyclopentadiene	12.604	237	330072	38.592	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	526155	40.692	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	566625	40.157	ng	96
46) 1,1'-Biphenyl	13.263	154	1855180	38.298	ng	100
47) 2-Chloronaphthalene	13.298	162	1444023	38.298	ng	98
48) 2-Nitroaniline	13.504	65	363632	42.961	ng	99
49) Acenaphthylene	14.151	152	2047560	38.851	ng	100
50) Dimethylphthalate	13.886	163	1689727	39.048	ng	99
51) 2,6-Dinitrotoluene	13.998	165	346425	39.954	ng	98
52) Acenaphthene	14.492	154	1328502	38.429	ng	100
53) 3-Nitroaniline	14.327	138	340395	41.255	ng	97
54) 2,4-Dinitrophenol	14.533	184	181771	42.009	ng	99
55) Dibenzofuran	14.827	168	2176605	37.785	ng	100
56) 4-Nitrophenol	14.639	139	291151	40.538	ng	98
57) 2,4-Dinitrotoluene	14.786	165	463253	41.520	ng	97
58) Fluorene	15.474	166	1792836	38.227	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	463817	39.269	ng	97
60) Diethylphthalate	15.251	149	1618715	39.717	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	956039	37.330	ng	97
62) 4-Nitroaniline	15.492	138	364423	37.973	ng	98
63) Azobenzene	15.762	77	1565024	40.202	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	252630	41.574	ng	94
66) n-Nitrosodiphenylamine	15.686	169	1377151	38.956	ng	100
67) 4-Bromophenyl-phenylether	16.362	248	512615	38.052	ng	98
68) Hexachlorobenzene	16.480	284	569841	37.616	ng	98
69) Atrazine	16.633	200	325030	41.719	ng	100
70) Pentachlorophenol	16.821	266	379627	39.877	ng	99
71) Phenanthrene	17.209	178	2500683	38.597	ng	100
72) Anthracene	17.304	178	2461414	39.229	ng	100
73) Carbazole	17.568	167	2274615	40.029	ng	100
74) Di-n-butylphthalate	18.139	149	2601980	41.778	ng	99
75) Fluoranthene	19.227	202	2980551	39.959	ng	100
77) Benzidine	19.409	184	838418	61.067	ng	100
78) Pyrene	19.586	202	3088624	38.684	ng	100
80) Butylbenzylphthalate	20.492	149	1098259	44.324	ng	99
81) Benzo(a)anthracene	21.386	228	2995183	39.239	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	1025925	41.282	ng	99
83) Chrysene	21.450	228	2816818	38.929	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	1704664	44.145	ng	100
85) Di-n-octyl phthalate	22.450	149	2649220	44.140	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	3285447	40.374	ng	99
88) Benzo(b)fluoranthene	23.456	252	2967547	38.970	ng	99
89) Benzo(k)fluoranthene	23.521	252	2812635	37.537	ng	99
90) Benzo(a)pyrene	24.262	252	2521835	39.427	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	2706279	39.917	ng	99
92) Benzo(g,h,i)perylene	28.838	276	2753856	40.325	ng	99

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

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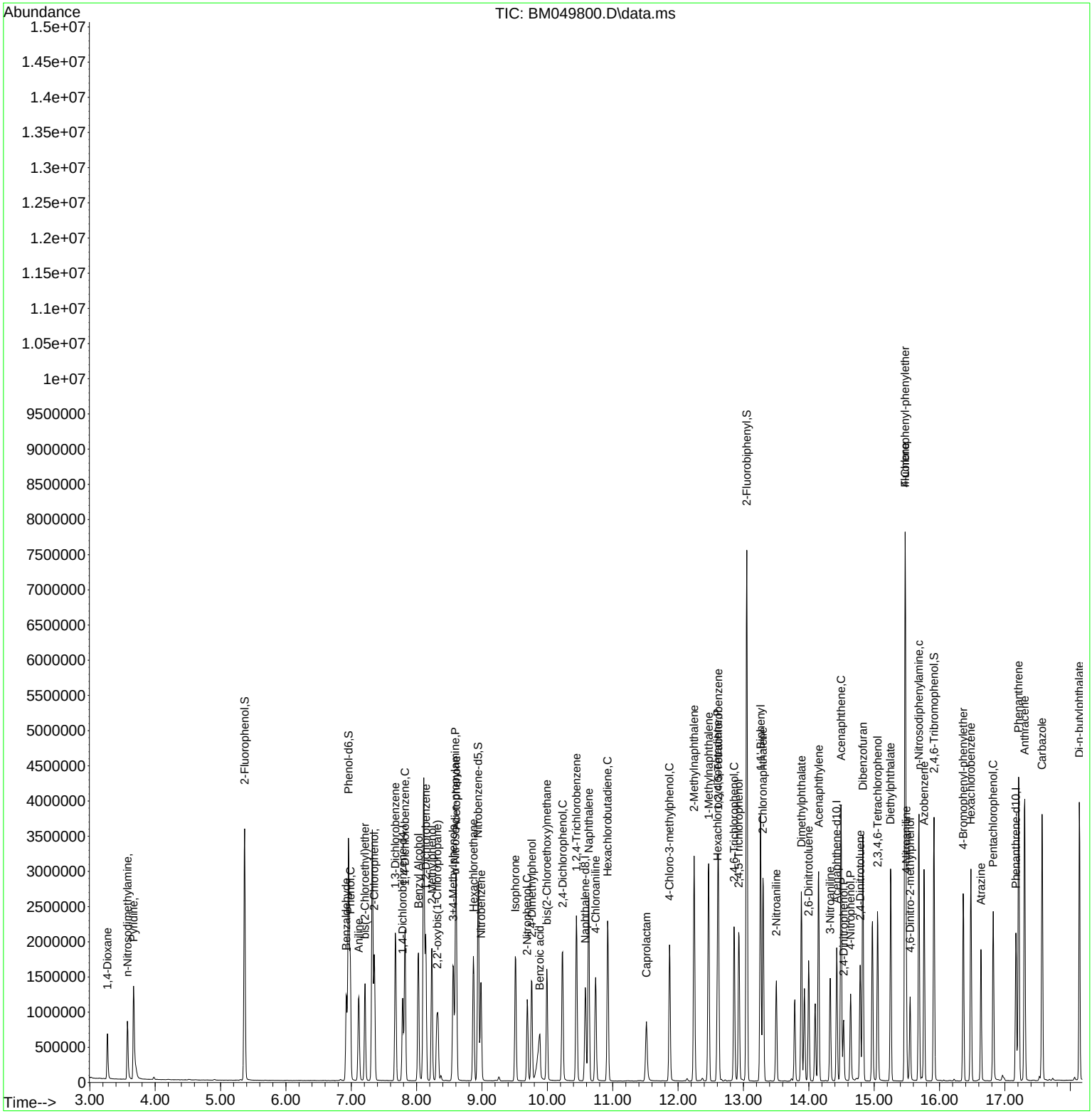

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