Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
Data File : BM047585.D
Acq On : 20 Sep 2024 12:19
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 20 16:21:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 14:56:16 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	259939	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1031210	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	561754	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1080469	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1001172	20.000	ng	0.00
86) Perylene-d12	24.462	264	1006624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1329986	78.408	ng	0.00
7) Phenol-d6	7.004	99	1766677	79.045	ng	0.00
23) Nitrobenzene-d5	8.998	82	1666717	80.459	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	419629	80.672	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3062874	77.149	ng	0.00
79) Terphenyl-d14	19.827	244	4515475	80.925	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	287141	38.879	ng	100
3) Pyridine	3.716	79	808353	39.460	ng	100
4) n-Nitrosodimethylamine	3.622	42	332794	39.203	ng	100
6) Aniline	7.169	93	770094	40.220	ng	100
8) 2-Chlorophenol	7.410	128	692155	38.978	ng	100
9) Benzaldehyde	6.981	77	430484	37.699	ng	100
10) Phenol	7.034	94	880646	39.683	ng	100
11) bis(2-Chloroethyl)ether	7.269	93	688083	38.576	ng	100
12) 1,3-Dichlorobenzene	7.739	146	757077	38.552	ng	100
13) 1,4-Dichlorobenzene	7.881	146	772472	38.875	ng	100
14) 1,2-Dichlorobenzene	8.198	146	745808	38.939	ng	100
15) Benzyl Alcohol	8.081	79	569708	39.507	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.375	45	881334	38.764	ng	100
17) 2-Methylphenol	8.281	107	558898	40.071	ng	100
18) Hexachloroethane	8.933	117	314765	39.062	ng	100
19) n-Nitroso-di-n-propyla...	8.651	70	549788	40.159	ng	100
20) 3+4-Methylphenols	8.610	107	757652	39.881	ng	100
22) Acetophenone	8.663	105	1058609	39.403	ng	100
24) Nitrobenzene	9.039	77	849762	39.716	ng	100
25) Isophorone	9.569	82	1378721	39.826	ng	100
26) 2-Nitrophenol	9.751	139	302453	40.205	ng	100
27) 2,4-Dimethylphenol	9.816	122	426078	39.735	ng	100
28) bis(2-Chloroethoxy)met...	10.051	93	871862	39.148	ng	100
29) 2,4-Dichlorophenol	10.286	162	541522	39.948	ng	100
30) 1,2,4-Trichlorobenzene	10.504	180	597321	38.661	ng	100
31) Naphthalene	10.692	128	2130149	39.044	ng	100
32) Benzoic acid	9.922	122	420907	42.056	ng	100
33) 4-Chloroaniline	10.792	127	779345	40.518	ng	100
34) Hexachlorobutadiene	10.986	225	325602	38.725	ng	100
35) Caprolactam	11.563	113	196821	42.006	ng	100
36) 4-Chloro-3-methylphenol	11.916	107	628554	40.640	ng	100
37) 2-Methylnaphthalene	12.304	142	1338545	39.052	ng	100
38) 1-Methylnaphthalene	12.521	142	1336892	39.317	ng	100
40) 1,2,4,5-Tetrachloroben...	12.669	216	563507	38.012	ng	100
41) Hexachlorocyclopentadiene	12.657	237	187875	38.386	ng	100
43) 2,4,6-Trichlorophenol	12.904	196	381545	39.602	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	428583	39.576	ng	100
46) 1,1'-Biphenyl	13.310	154	1682815	38.790	ng	100
47) 2-Chloronaphthalene	13.351	162	1309732	38.583	ng	100
48) 2-Nitroaniline	13.545	65	423374	41.759	ng	100
49) Acenaphthylene	14.198	152	1921839	39.342	ng	100
50) Dimethylphthalate	13.933	163	1539920	39.703	ng	100
51) 2,6-Dinitrotoluene	14.045	165	334191	41.125	ng	100
52) Acenaphthene	14.539	154	1250210m	38.731	ng	
53) 3-Nitroaniline	14.368	138	392461	42.109	ng	100
54) 2,4-Dinitrophenol	14.574	184	147290	39.982	ng	100
55) Dibenzofuran	14.874	168	1842840	39.076	ng	100
56) 4-Nitrophenol	14.668	139	344356	43.118	ng	100
57) 2,4-Dinitrotoluene	14.827	165	455996	42.112	ng	100
58) Fluorene	15.521	166	1670793	40.030	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	332567	40.174	ng	100
60) Diethylphthalate	15.298	149	1655789	40.043	ng	100
61) 4-Chlorophenyl-phenyle...	15.515	204	719598	39.457	ng	100
62) 4-Nitroaniline	15.527	138	454473	43.277	ng	100
63) Azobenzene	15.804	77	1831676	40.518	ng	100
65) 4,6-Dinitro-2-methylph...	15.586	198	204083	39.862	ng	100
66) n-Nitrosodiphenylamine	15.727	169	1259876	39.041	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	372972	38.000	ng	100
68) Hexachlorobenzene	16.521	284	436400	38.033	ng	100
69) Atrazine	16.674	200	349532	44.991	ng	100
70) Pentachlorophenol	16.862	266	294995	40.962	ng	100
71) Phenanthrene	17.251	178	2290358	39.052	ng	100
72) Anthracene	17.345	178	2188739	39.389	ng	100
73) Carbazole	17.609	167	2316081	40.000	ng	100
74) Di-n-butylphthalate	18.180	149	2796548	39.932	ng	100
75) Fluoranthene	19.262	202	2566161	39.748	ng	100
77) Benzidine	19.439	184	763338	55.986	ng	100
78) Pyrene	19.621	202	2750016	39.245	ng	100
80) Butylbenzylphthalate	20.521	149	1222066	40.060	ng	100
81) Benzo(a)anthracene	21.421	228	2583877	39.250	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	844150	41.291	ng	100
83) Chrysene	21.480	228	2457017	39.247	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	1947523	39.914	ng	100
85) Di-n-octyl phthalate	22.497	149	3000381	39.849	ng	100
87) Indeno(1,2,3-cd)pyrene	27.891	276	2751705	39.753	ng	100
88) Benzo(b)fluoranthene	23.509	252	2514844	39.750	ng	100
89) Benzo(k)fluoranthene	23.574	252	2472676	39.814	ng	100
90) Benzo(a)pyrene	24.321	252	2132201	39.750	ng	100
91) Dibenzo(a,h)anthracene	27.944	278	2294696	39.688	ng	100
92) Benzo(g,h,i)perylene	28.956	276	2293788	39.585	ng	100

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

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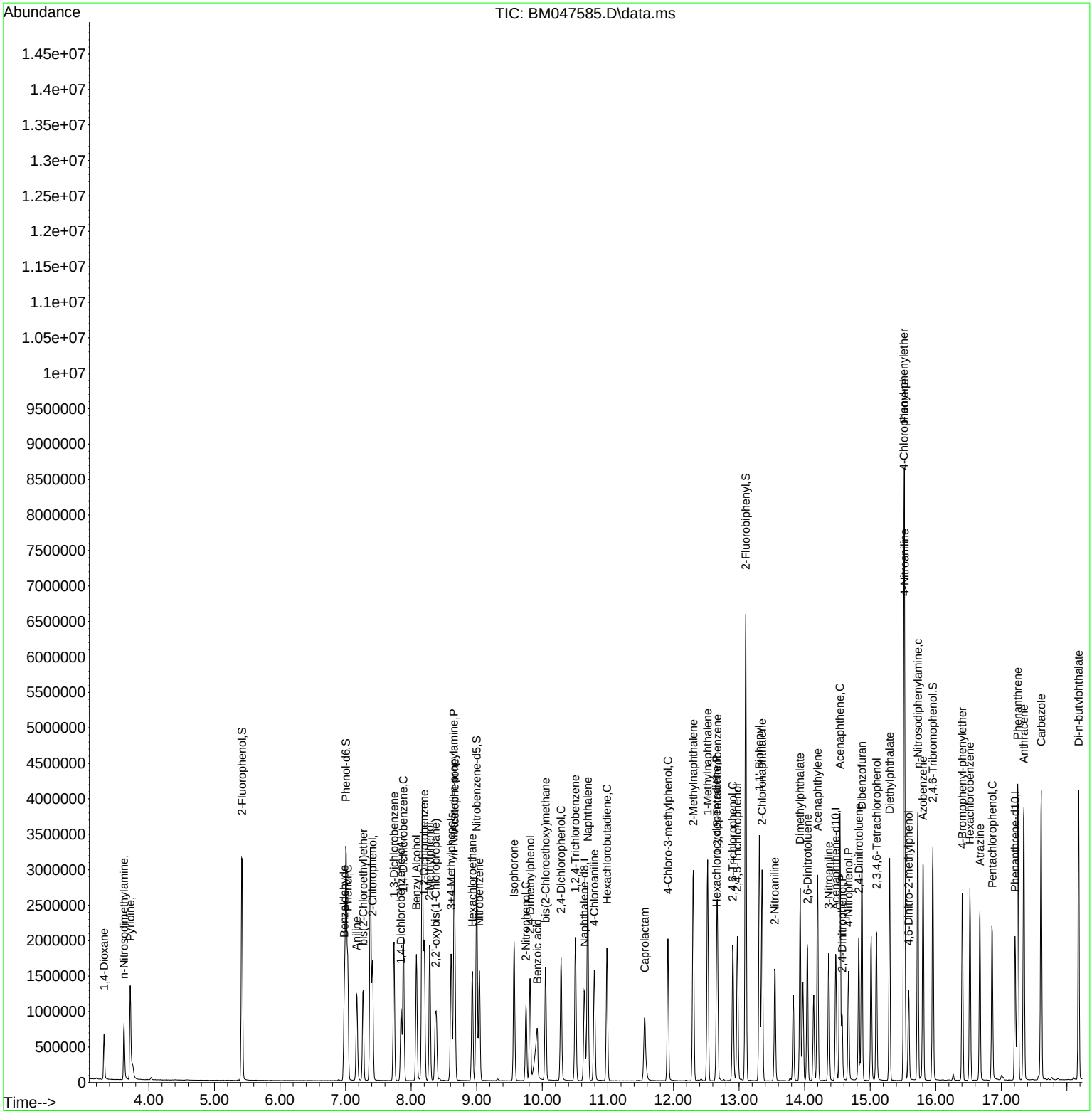

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