Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
Data File : BM047596.D
Acq On : 20 Sep 2024 19:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 21 03:27:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
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	467960	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	2382914	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	1318047	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	2475002	20.000	ng		0.00
76) Chrysene-d12	21.439	240	2335088	20.000	ng		0.00
86) Perylene-d12	24.462	264	2240081	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	2460560	80.577	ng		0.00
7) Phenol-d6	7.010	99	4013493	99.748	ng		0.00
23) Nitrobenzene-d5	9.004	82	3887486	81.212	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1048554	85.914	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	7990924	85.785	ng		0.00
79) Terphenyl-d14	19.827	244	10664476	81.945	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	370902	27.896	ng		100
3) Pyridine	3.716	79	1132929	30.738	ng		98
4) n-Nitrosodimethylamine	3.622	42	603511	39.490	ng		99
6) Aniline	7.175	93	1494689	43.362	ng		99
8) 2-Chlorophenol	7.410	128	1486508	46.499	ng		99
9) Benzaldehyde	6.981	77	813814	39.636	ng		99
10) Phenol	7.034	94	1954271	48.916	ng		98
11) bis(2-Chloroethyl)ether	7.269	93	1549591	48.257	ng		97
12) 1,3-Dichlorobenzene	7.734	146	1386243	39.211	ng		100
13) 1,4-Dichlorobenzene	7.881	146	1450978	40.562	ng		99
14) 1,2-Dichlorobenzene	8.198	146	1484855	43.063	ng		98
15) Benzyl Alcohol	8.081	79	1322611	50.947	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.375	45	2008209m	49.064	ng		
17) 2-Methylphenol	8.281	107	1262340	50.273	ng		99
18) Hexachloroethane	8.928	117	604463	41.668	ng		99
19) n-Nitroso-di-n-propyla...	8.657	70	1342036	54.452	ng		98
20) 3+4-Methylphenols	8.616	107	1759937	51.458	ng		98
22) Acetophenone	8.663	105	2507224	40.385	ng	#	98
24) Nitrobenzene	9.039	77	1933274	39.102	ng		100
25) Isophorone	9.575	82	3266112	40.828	ng		98
26) 2-Nitrophenol	9.751	139	735511	42.310	ng		97
27) 2,4-Dimethylphenol	9.816	122	997696	40.264	ng		99
28) bis(2-Chloroethoxy)met...	10.051	93	2107885	40.958	ng		100
29) 2,4-Dichlorophenol	10.286	162	1296626	41.394	ng		99
30) 1,2,4-Trichlorobenzene	10.504	180	1400947	39.239	ng		100
31) Naphthalene	10.692	128	5067765	40.198	ng		100
32) Benzoic acid	9.975	122	1053883	45.626	ng		98
33) 4-Chloroaniline	10.798	127	1737746	39.097	ng		98
34) Hexachlorobutadiene	10.986	225	764459	39.346	ng		99
35) Caprolactam	11.586	113	437003	40.361	ng		94
36) 4-Chloro-3-methylphenol	11.921	107	1484933	41.549	ng		99
37) 2-Methylnaphthalene	12.298	142	3354511	42.352	ng		99
38) 1-Methylnaphthalene	12.521	142	3317610	42.222	ng		99
40) 1,2,4,5-Tetrachloroben...	12.668	216	1408779	40.503	ng		100
41) Hexachlorocyclopentadiene	12.657	237	427025	37.186	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	914130	40.438	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	1028619	40.482	ng	99
46) 1,1'-Biphenyl	13.310	154	4137224	40.645	ng	99
47) 2-Chloronaphthalene	13.351	162	3204486	40.234	ng	99
48) 2-Nitroaniline	13.551	65	1006589	42.315	ng	95
49) Acenaphthylene	14.198	152	4634319	40.433	ng	100
50) Dimethylphthalate	13.933	163	3565429	39.178	ng	100
51) 2,6-Dinitrotoluene	14.045	165	787941	41.325	ng	97
52) Acenaphthene	14.539	154	3151223m	41.617	ng	
53) 3-Nitroaniline	14.374	138	897868	41.058	ng	98
54) 2,4-Dinitrophenol	14.574	184	373697	43.234	ng	96
55) Dibenzofuran	14.874	168	4465817	40.359	ng	99
56) 4-Nitrophenol	14.674	139	773799	41.294	ng	96
57) 2,4-Dinitrotoluene	14.827	165	1066855	41.991	ng	96
58) Fluorene	15.521	166	4242375	43.320	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	764159	39.343	ng	99
60) Diethylphthalate	15.298	149	3952618	40.740	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	1864361	43.569	ng	97
62) 4-Nitroaniline	15.533	138	1078358	43.765	ng	99
63) Azobenzene	15.804	77	4435669	41.819	ng	100
65) 4,6-Dinitro-2-methylph...	15.592	198	497970	42.461	ng	97
66) n-Nitrosodiphenylamine	15.727	169	3011787	40.743	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	940623	41.837	ng	98
68) Hexachlorobenzene	16.521	284	1058710	40.280	ng	97
69) Atrazine	16.674	200	369099	20.741	ng	97
70) Pentachlorophenol	16.862	266	682162	41.351	ng	99
71) Phenanthrene	17.251	178	5519788	41.086	ng	99
72) Anthracene	17.345	178	5315744	41.762	ng	99
73) Carbazole	17.609	167	5421589	40.876	ng	100
74) Di-n-butylphthalate	18.180	149	7018412	43.749	ng	100
75) Fluoranthene	19.262	202	6319945	42.735	ng	99
77) Benzidine	19.439	184	768386	24.163	ng	98
78) Pyrene	19.621	202	6663758	40.773	ng	99
80) Butylbenzylphthalate	20.515	149	3088061	43.402	ng	96
81) Benzo(a)anthracene	21.421	228	6271770	40.848	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	1964932	41.209	ng	99
83) Chrysene	21.480	228	5844841	40.029	ng	100
84) Bis(2-ethylhexyl)phtha...	21.344	149	5152363	45.274	ng	98
85) Di-n-octyl phthalate	22.491	149	7756804	44.170	ng	100
87) Indeno(1,2,3-cd)pyrene	27.891	276	6230180	40.446	ng	99
88) Benzo(b)fluoranthene	23.509	252	5847000	41.530	ng	100
89) Benzo(k)fluoranthene	23.574	252	5826672	42.159	ng	99
90) Benzo(a)pyrene	24.327	252	4898850	41.040	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	5267557	40.940	ng	99
92) Benzo(g,h,i)perylene	28.967	276	5107044	39.605	ng	98

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

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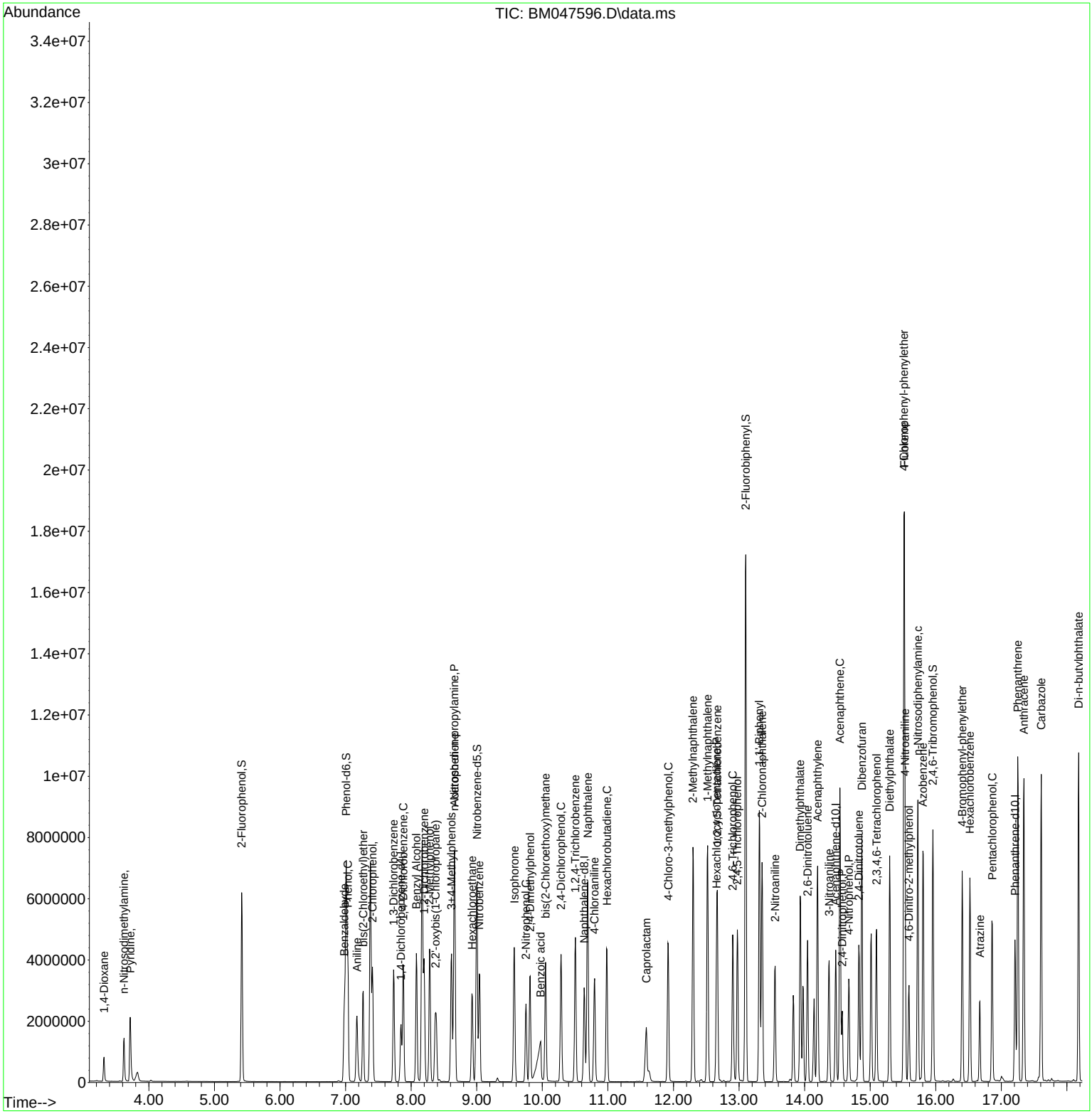

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