Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
Data File : BM047525.D
Acq On : 14 Sep 2024 15:14
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 08:49:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:43:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	390671	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1724946	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	1013275	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	1927087	20.000	ng		0.00
76) Chrysene-d12	21.444	240	1661575	20.000	ng		0.00
86) Perylene-d12	24.468	264	1297327	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2431799	99.110	ng		0.00
7) Phenol-d6	7.010	99	3533803	102.269	ng		0.00
23) Nitrobenzene-d5	9.010	82	3449817	100.090	ng		0.00
42) 2,4,6-Tribromophenol	15.962	330	1070883	109.339	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	7716038	104.898	ng		0.00
79) Terphenyl-d14	19.833	244	10292194	110.997	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	494117	47.017	ng		100
3) Pyridine	3.716	79	1522515m	48.683	ng		
4) n-Nitrosodimethylamine	3.628	42	700604	49.361	ng		99
6) Aniline	7.175	93	1526818	49.840	ng		98
8) 2-Chlorophenol	7.416	128	1343373	49.665	ng		99
9) Benzaldehyde	6.987	77	752916	45.825	ng		99
10) Phenol	7.040	94	1744000	50.407	ng		98
11) bis(2-Chloroethyl)ether	7.275	93	1364338	49.118	ng		99
12) 1,3-Dichlorobenzene	7.739	146	1432823	48.396	ng		98
13) 1,4-Dichlorobenzene	7.887	146	1471785	48.807	ng		100
14) 1,2-Dichlorobenzene	8.204	146	1454714	49.019	ng		99
15) Benzyl Alcohol	8.087	79	1201740	51.344	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.386	45	1903817	48.725	ng		99
17) 2-Methylphenol	8.287	107	1127230	51.000	ng		99
18) Hexachloroethane	8.939	117	589028	48.897	ng		99
19) n-Nitroso-di-n-propyla...	8.663	70	1203853	51.673	ng		98
20) 3+4-Methylphenols	8.616	107	1564378	50.725	ng		99
22) Acetophenone	8.669	105	2260781	49.852	ng	#	99
24) Nitrobenzene	9.045	77	1753123	49.499	ng		99
25) Isophorone	9.575	82	3063274	50.553	ng		100
26) 2-Nitrophenol	9.757	139	653650	54.160	ng		99
27) 2,4-Dimethylphenol	9.822	122	916681	50.105	ng		99
28) bis(2-Chloroethoxy)met...	10.057	93	1881906	49.443	ng		99
29) 2,4-Dichlorophenol	10.292	162	1205992	51.885	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	1316098	49.431	ng		99
31) Naphthalene	10.698	128	4651117	49.926	ng		100
32) Benzoic acid	9.969	122	890510	49.165	ng		100
33) 4-Chloroaniline	10.804	127	1696889	50.379	ng		99
34) Hexachlorobutadiene	10.992	225	727359	49.322	ng		99
35) Caprolactam	11.586	113	403073	52.645	ng		96
36) 4-Chloro-3-methylphenol	11.922	107	1377067	51.697	ng		100
37) 2-Methylnaphthalene	12.310	142	3135943	50.577	ng		99
38) 1-Methylnaphthalene	12.527	142	3140091	50.961	ng		100
40) 1,2,4,5-Tetrachloroben...	12.674	216	1404023	51.207	ng		99
41) Hexachlorocyclopentadiene	12.663	237	459860	51.304	ng		97
43) 2,4,6-Trichlorophenol	12.910	196	906659	52.782	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	1019629	52.552	ng	99
46) 1,1'-Biphenyl	13.321	154	4013259	50.905	ng	99
47) 2-Chloronaphthalene	13.357	162	3125991	51.065	ng	100
48) 2-Nitroaniline	13.551	65	962763	53.545	ng	99
49) Acenaphthylene	14.204	152	4539122	51.383	ng	100
50) Dimethylphthalate	13.945	163	3486930	50.489	ng	100
51) 2,6-Dinitrotoluene	14.051	165	760004	52.129	ng	99
52) Acenaphthene	14.545	154	3208580	51.838	ng	98
53) 3-Nitroaniline	14.374	138	859887	53.063	ng	96
54) 2,4-Dinitrophenol	14.580	184	341766	49.904	ng	94
55) Dibenzofuran	14.880	168	4414383	50.752	ng	100
56) 4-Nitrophenol	14.680	139	719745	53.975	ng	96
57) 2,4-Dinitrotoluene	14.833	165	1036584	53.310	ng	99
58) Fluorene	15.527	166	4160088	53.124	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	792620	52.397	ng	99
60) Diethylphthalate	15.304	149	3731359	50.766	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	1887920	52.727	ng	100
62) 4-Nitroaniline	15.539	138	1057003	55.490	ng	99
63) Azobenzene	15.815	77	4100103	50.661	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	465523	47.513	ng	91
66) n-Nitrosodiphenylamine	15.733	169	3050884	51.751	ng	99
67) 4-Bromophenyl-phenylether	16.415	248	970005	51.803	ng	95
68) Hexachlorobenzene	16.527	284	1080606	50.942	ng	99
69) Atrazine	16.680	200	839707	51.534	ng	100
70) Pentachlorophenol	16.868	266	673070	54.737	ng	99
71) Phenanthrene	17.262	178	5449671	51.315	ng	100
72) Anthracene	17.351	178	5311241	52.053	ng	99
73) Carbazole	17.615	167	5228117	51.703	ng	100
74) Di-n-butylphthalate	18.186	149	6497317	53.702	ng	100
75) Fluoranthene	19.268	202	6149497	53.071	ng	100
77) Benzidine	19.445	184	1099341	46.978	ng	99
78) Pyrene	19.627	202	6496279	53.600	ng	99
80) Butylbenzylphthalate	20.527	149	2508902	53.774	ng	99
81) Benzo(a)anthracene	21.427	228	5503768	50.819	ng	100
82) 3,3'-Dichlorobenzidine	21.344	252	1478863	51.333	ng	99
83) Chrysene	21.486	228	5192530	50.689	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	3935057	53.839	ng	98
85) Di-n-octyl phthalate	22.509	149	5438065	52.601	ng	99
87) Indeno(1,2,3-cd)pyrene	27.903	276	4016293	51.731	ng	99
88) Benzo(b)fluoranthene	23.515	252	4477877	53.347	ng	100
89) Benzo(k)fluoranthene	23.580	252	4380104	52.652	ng	99
90) Benzo(a)pyrene	24.333	252	3613289	52.521	ng	99
91) Dibenzo(a,h)anthracene	27.968	278	3394181	51.962	ng	98
92) Benzo(g,h,i)perylene	28.968	276	3302500	51.757	ng	99

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

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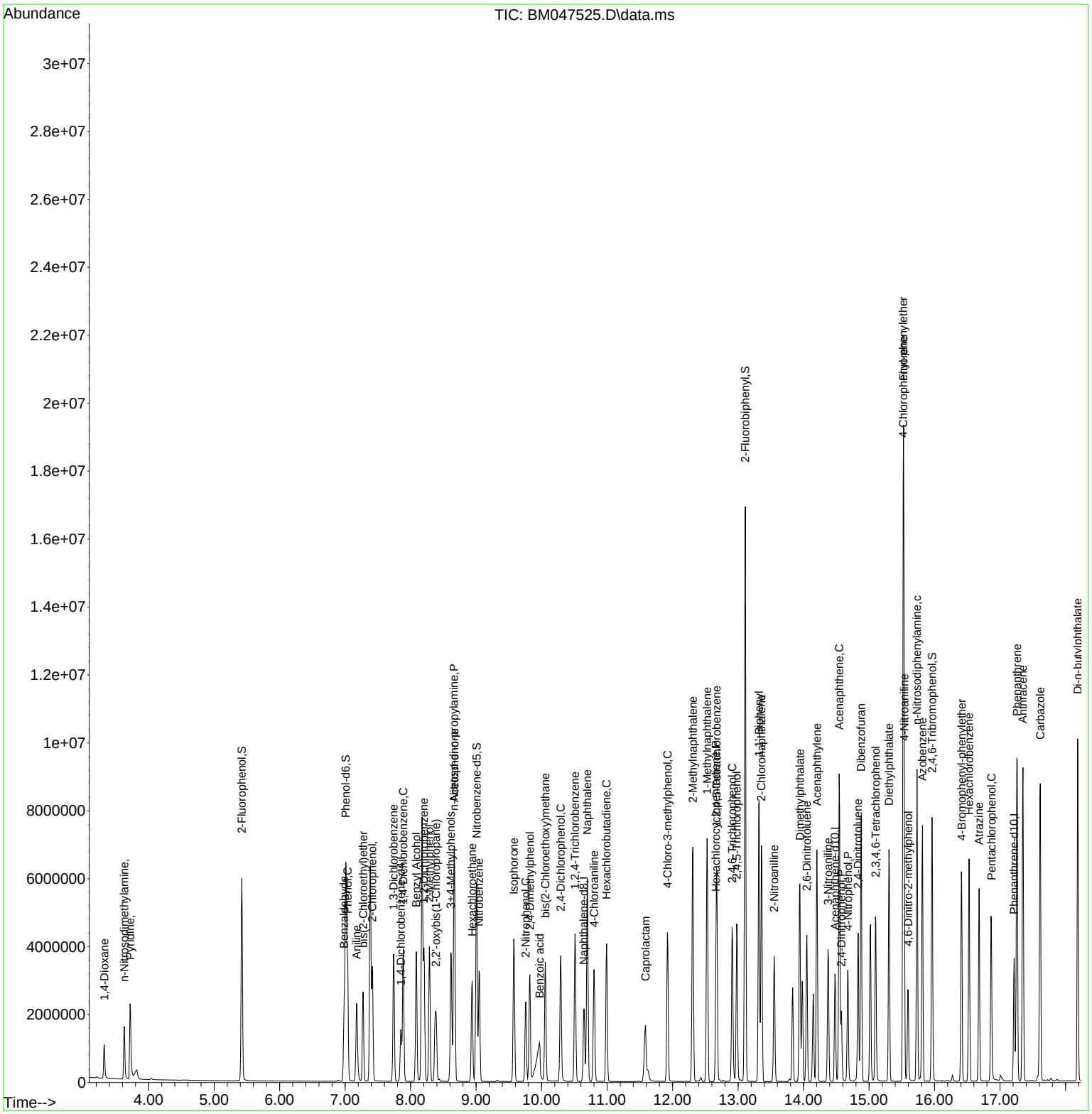

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