Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
Data File : BM047603.D
Acq On : 23 Sep 2024 14:25
Operator : RC/JU
Sample : P4135-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 23 15:06:18 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 :
S1-6MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	355159	20.000	ng	-0.01
21) Naphthalene-d8	10.634	136	1418426	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	728566	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1263087	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1006113	20.000	ng	-0.01
86) Perylene-d12	24.450	264	911194	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	2837643	122.439	ng	-0.01
7) Phenol-d6	7.004	99	3733274	122.253	ng	0.00
23) Nitrobenzene-d5	8.992	82	2229949	78.261	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	809121	119.935	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	4120426	80.024	ng	-0.01
79) Terphenyl-d14	19.821	244	4881203	87.050	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	460545	45.639	ng	99
3) Pyridine	3.710	79	1269007	45.366	ng	97
4) n-Nitrosodimethylamine	3.616	42	609652	52.562	ng	98
6) Aniline	7.157	93	1415747	54.117	ng	99
8) 2-Chlorophenol	7.404	128	1320061	54.407	ng	98
9) Benzaldehyde	6.969	77	201603	12.937	ng	97
10) Phenol	7.028	94	1722912	56.821	ng	100
11) bis(2-Chloroethyl)ether	7.257	93	1271991	52.193	ng	98
12) 1,3-Dichlorobenzene	7.728	146	1348967	50.275	ng	98
13) 1,4-Dichlorobenzene	7.875	146	1379311	50.805	ng	99
14) 1,2-Dichlorobenzene	8.187	146	1311759	50.126	ng	99
15) Benzyl Alcohol	8.075	79	1148149	58.273	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.357	45	1696320m	54.606	ng	
17) 2-Methylphenol	8.275	107	1059273	55.584	ng	98
18) Hexachloroethane	8.922	117	551799	50.119	ng	98
19) n-Nitroso-di-n-propyla...	8.645	70	1025534	54.826	ng	99
20) 3+4-Methylphenols	8.604	107	1431138	55.135	ng	98
22) Acetophenone	8.657	105	1942430	52.563	ng	99
24) Nitrobenzene	9.034	77	1456847	49.502	ng	99
25) Isophorone	9.563	82	2575839	54.094	ng	99
26) 2-Nitrophenol	9.745	139	590993	57.114	ng	97
27) 2,4-Dimethylphenol	9.804	122	1006873	68.265	ng	99
28) bis(2-Chloroethoxy)met...	10.039	93	1613936	52.685	ng	100
29) 2,4-Dichlorophenol	10.281	162	1052108	56.426	ng	98
30) 1,2,4-Trichlorobenzene	10.492	180	1050974	49.453	ng	100
31) Naphthalene	10.681	128	3882377	51.735	ng	100
32) Benzoic acid	9.939	122	739564	53.789	ng	99
33) 4-Chloroaniline	10.781	127	666393	25.188	ng	99
34) Hexachlorobutadiene	10.975	225	576997	49.890	ng	98
35) Caprolactam	11.563	113	327581m	50.827	ng	
36) 4-Chloro-3-methylphenol	11.910	107	1151095	54.108	ng	99
37) 2-Methylnaphthalene	12.292	142	2565550	54.416	ng	100
38) 1-Methylnaphthalene	12.510	142	2370238	50.677	ng	98
40) 1,2,4,5-Tetrachloroben...	12.663	216	1106483	57.550	ng	98
41) Hexachlorocyclopentadiene	12.651	237	1253389	197.455	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	711787	56.963	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	783154	55.759	ng	99
46) 1,1'-Biphenyl	13.304	154	3059759	54.380	ng	99
47) 2-Chloronaphthalene	13.345	162	2315612	52.597	ng	99
48) 2-Nitroaniline	13.539	65	743550	56.548	ng	98
49) Acenaphthylene	14.192	152	3692536	58.283	ng	100
50) Dimethylphthalate	13.927	163	2637940	52.440	ng	99
51) 2,6-Dinitrotoluene	14.033	165	541532	51.382	ng	95
52) Acenaphthene	14.533	154	2339570	55.898	ng	98
53) 3-Nitroaniline	14.363	138	389589	32.230	ng	98
54) 2,4-Dinitrophenol	14.569	184	614560	128.628	ng	97
55) Dibenzofuran	14.869	168	3291576	53.816	ng	99
56) 4-Nitrophenol	14.674	139	1189677	114.856	ng	92
57) 2,4-Dinitrotoluene	14.822	165	748149	53.273	ng	99
58) Fluorene	15.516	166	2936548	54.247	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	587950	54.763	ng	100
60) Diethylphthalate	15.292	149	2771187	51.673	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	1277902	54.027	ng	98
62) 4-Nitroaniline	15.521	138	718422	52.748	ng	98
63) Azobenzene	15.798	77	3362625	57.353	ng	99
65) 4,6-Dinitro-2-methylph...	15.580	198	348156	58.171	ng	99
66) n-Nitrosodiphenylamine	15.721	169	2187675	57.990	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	648806	56.546	ng	98
68) Hexachlorobenzene	16.516	284	710007	52.932	ng	99
69) Atrazine	16.668	200	644230	70.935	ng	98
70) Pentachlorophenol	16.857	266	1008867	119.834	ng	99
71) Phenanthrene	17.245	178	3855245	56.230	ng	99
72) Anthracene	17.339	178	3933843	60.559	ng	100
73) Carbazole	17.604	167	3615738	53.418	ng	100
74) Di-n-butylphthalate	18.174	149	4610428	56.314	ng	100
75) Fluoranthene	19.257	202	3991359	52.885	ng	100
77) Benzidine	19.433	184	1865042	136.117	ng	99
78) Pyrene	19.615	202	4255840	60.436	ng	100
80) Butylbenzylphthalate	20.509	149	1860144	60.678	ng	95
81) Benzo(a)anthracene	21.409	228	3688741	55.759	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	872520	42.469	ng	99
83) Chrysene	21.474	228	3459324	54.985	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	2772984	56.552	ng	99
85) Di-n-octyl phthalate	22.486	149	4151737	54.870	ng	99
87) Indeno(1,2,3-cd)pyrene	27.868	276	3565747	56.909	ng	99
88) Benzo(b)fluoranthene	23.497	252	3124390	54.556	ng	99
89) Benzo(k)fluoranthene	23.562	252	3188408	56.715	ng	100
90) Benzo(a)pyrene	24.309	252	2897976	59.684	ng	99
91) Dibenzo(a,h)anthracene	27.927	278	2930160	55.986	ng	99
92) Benzo(g,h,i)perylene	28.932	276	2673311	50.966	ng	98

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

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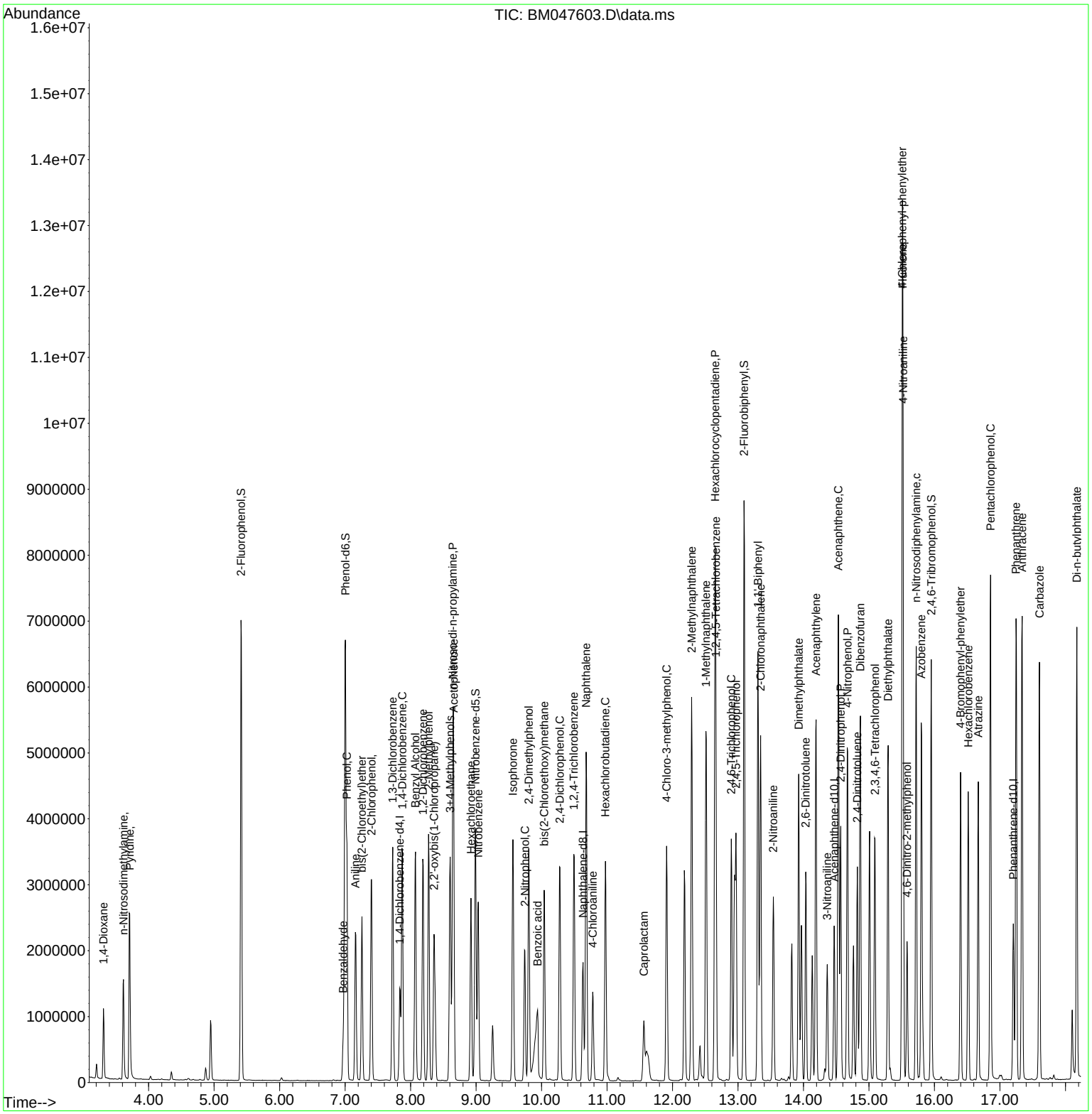

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