Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091823\
Data File : BG059082.D
Acq On : 18 Sep 2023 11:05
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 02:01:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 01:57:32 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :Sohil Jodhani 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.302	152	32669	20.000	ng		0.00
21) Naphthalene-d8	11.140	136	151627	20.000	ng	#	0.00
39) Acenaphthene-d10	14.930	164	97216	20.000	ng		0.00
64) Phenanthrene-d10	17.679	188	212376	20.000	ng		0.00
76) Chrysene-d12	21.998	240	202163	20.000	ng		0.00
86) Perylene-d12	25.547	264	233965	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.793	112	39498	18.888	ng		0.00
7) Phenol-d6	7.409	99	55284	17.788	ng		0.00
23) Nitrobenzene-d5	9.495	82	51774	18.262	ng		0.00
42) 2,4,6-Tribromophenol	16.410	330	21276	19.024	ng		0.00
45) 2-Fluorobiphenyl	13.549	172	124330	19.096	ng		0.00
79) Terphenyl-d14	20.259	244	217326	20.224	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.655	88	13053	12.796	ng		92
3) Pyridine	4.066	79	35863	12.293	ng		94
4) n-Nitrosodimethylamine	3.996	42	17690	12.121	ng		95
6) Aniline	7.621	93	35382	8.836	ng		97
8) 2-Chlorophenol	7.844	128	21595	9.112	ng		91
9) Benzaldehyde	7.444	77	17470	10.371	ng		87
10) Phenol	7.444	94	26261	8.639	ng		96
11) bis(2-Chloroethyl)ether	7.715	93	22113	9.167	ng		96
12) 1,3-Dichlorobenzene	8.185	146	22197	9.197	ng		88
13) 1,4-Dichlorobenzene	8.337	146	22732	9.407	ng		96
14) 1,2-Dichlorobenzene	8.655	146	21031	8.949	ng		92
15) Benzyl Alcohol	8.537	79	19964	8.976	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.813	45	45439	9.351	ng		98
17) 2-Methylphenol	8.719	107	20993	8.899	ng		97
18) Hexachloroethane	9.389	117	7584	8.935	ng		88
19) n-Nitroso-di-n-propyla...	9.101	70	18466	9.275	ng		93
20) 3+4-Methylphenols	9.043	107	28371	8.886	ng		96
22) Acetophenone	9.142	105	36435	9.331	ng		94
24) Nitrobenzene	9.536	77	26042	9.555	ng	#	87
25) Isophorone	10.047	82	53977	9.390	ng		99
26) 2-Nitrophenol	10.241	139	11168	8.886	ng	#	90
27) 2,4-Dimethylphenol	10.271	122	21550	9.036	ng		96
28) bis(2-Chloroethoxy)met...	10.535	93	31666	9.708	ng		99
29) 2,4-Dichlorophenol	10.764	162	19370	8.739	ng		94
30) 1,2,4-Trichlorobenzene	10.987	180	21092	9.845	ng		94
31) Naphthalene	11.193	128	71567	9.232	ng	#	96
32) Benzoic acid	10.323	122	11895	9.341	ng		99
33) 4-Chloroaniline	11.305	127	30789	8.858	ng		97
34) Hexachlorobutadiene	11.428	225	12321	9.502	ng		90
35) Caprolactam	12.074	113	8008	9.191	ng	#	92
36) 4-Chloro-3-methylphenol	12.374	107	22929	8.884	ng		89
37) 2-Methylnaphthalene	12.773	142	48681	8.846	ng		98
38) 1-Methylnaphthalene	12.991	142	47095m	9.086	ng		
40) 1,2,4,5-Tetrachloroben...	13.120	216	22817	9.354	ng		97
41) Hexachlorocyclopentadiene	13.073	237	12048	9.047	ng		91
43) 2,4,6-Trichlorophenol	13.361	196	16374	9.178	ng		87

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.426	196	18219	8.604	ng		93
46) 1,1'-Biphenyl	13.766	154	65619	9.550	ng		98
47) 2-Chloronaphthalene	13.819	162	49969	9.356	ng		95
48) 2-Nitroaniline	14.031	65	16454	8.483	ng		94
49) Acenaphthylene	14.659	152	83842	9.491	ng		94
50) Dimethylphthalate	14.372	163	71473	9.535	ng		98
51) 2,6-Dinitrotoluene	14.513	165	13548	8.968	ng		96
52) Acenaphthene	14.994	154	46641	9.280	ng		98
53) 3-Nitroaniline	14.848	138	16377	9.211	ng	#	95
54) 2,4-Dinitrophenol	15.041	184	6569	7.846	ng		90
55) Dibenzofuran	15.323	168	80291	9.210	ng		97
56) 4-Nitrophenol	15.112	139	12345	8.943	ng		97
57) 2,4-Dinitrotoluene	15.288	165	17793	8.733	ng		92
58) Fluorene	15.970	166	65968	9.202	ng	#	96
59) 2,3,4,6-Tetrachlorophenol	15.529	232	16326m	9.310	ng		
60) Diethylphthalate	15.711	149	70874	9.508	ng		95
61) 4-Chlorophenyl-phenyle...	15.958	204	30769	9.489	ng		94
62) 4-Nitroaniline	16.005	138	16155	9.024	ng		95
63) Azobenzene	16.246	77	69544	9.480	ng		98
65) 4,6-Dinitro-2-methylph...	16.034	198	9604	7.817	ng		92
66) n-Nitrosodiphenylamine	16.169	169	57829	9.176	ng		98
67) 4-Bromophenyl-phenylether	16.851	248	19490	9.468	ng		95
68) Hexachlorobenzene	16.945	284	18987	8.914	ng		99
69) Atrazine	17.104	200	20892	10.294	ng		96
70) Pentachlorophenol	17.298	266	14362	8.715	ng		95
71) Phenanthrene	17.721	178	104696	9.297	ng		99
72) Anthracene	17.815	178	108966	9.415	ng		97
73) Carbazole	18.085	167	104096	9.485	ng		97
74) Di-n-butylphthalate	18.596	149	133845	9.951	ng		99
75) Fluoranthene	19.712	202	128905	9.730	ng		98
77) Benzidine	19.900	184	45486	10.627	ng	#	96
78) Pyrene	20.077	202	135755	9.517	ng		99
80) Butylbenzylphthalate	20.940	149	54994	9.303	ng		96
81) Benzo(a)anthracene	21.980	228	132156	9.641	ng		97
82) 3,3'-Dichlorobenzidine	21.892	252	46616	9.438	ng		96
83) Chrysene	22.051	228	125807	9.576	ng		99
84) Bis(2-ethylhexyl)phtha...	21.816	149	82193	9.144	ng	#	98
85) Di-n-octyl phthalate	23.138	149	139414	9.144	ng		97
87) Indeno(1,2,3-cd)pyrene	29.648	276	139483m	9.240	ng		
88) Benzo(b)fluoranthene	24.395	252	126095	9.317	ng		98
89) Benzo(k)fluoranthene	24.466	252	126177	9.073	ng		95
90) Benzo(a)pyrene	25.376	252	123335	9.282	ng		97
91) Dibenzo(a,h)anthracene	29.748	278	107510	8.796	ng	#	94
92) Benzo(g,h,i)perylene	30.958	276	118251	9.460	ng		97

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

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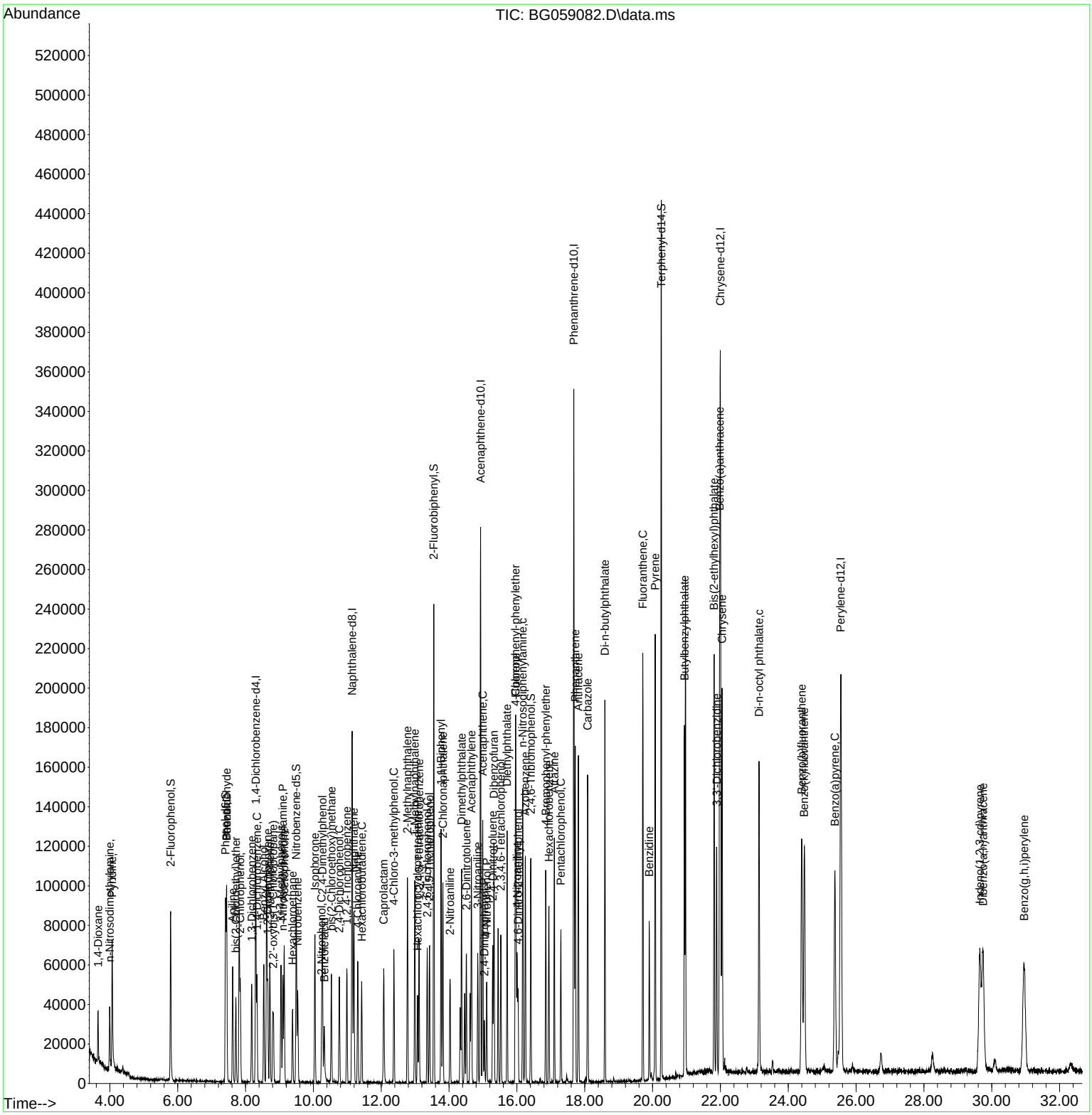
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