Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG062988.D
Acq On : 23 Sep 2024 11:38
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 13:54:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020503

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	33046	20.000	ng/ul		0.00
20) Naphthalene-d8	10.643	136	151173	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.486	164	129134	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.241	188	318872m	20.000	ng/ul		0.00
79) Chrysene-d12	21.489	240	350498m	20.000	ng/ul		0.00
88) Perylene-d12	24.539	264	408590	20.000	ng/ul		0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.322	96	7259	6.434	ng/uL		0.00
4) Pyridine-d5	3.728	84	51587	16.842	ng/ul		0.00
7) Phenol-d5	7.024	99	70896	20.675	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.182	67	38456	20.040	ng/ul		0.00
11) 2-Chlorophenol-d4	7.388	132	45742	20.318	ng/ul		0.00
15) 4-Methylphenol-d8	8.563	113	53505	21.300	ng/ul		0.00
21) Nitrobenzene-d5	9.010	128	21982	18.252	ng/ul		0.00
24) 2-Nitrophenol-d4	9.727	143	27889	20.412	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.267	165	57384	20.243	ng/ul		0.00
31) 4-Chloroaniline-d4	10.772	131	73159	20.737	ng/ul		0.00
46) Dimethylphthalate-d6	13.892	166	197125	20.528	ng/ul		0.00
49) Acenaphthylene-d8	14.180	160	198253	18.485	ng/ul		0.00
54) 4-Nitrophenol-d4	14.691	143	32913	21.388	ng/ul		0.00
60) Fluorene-d10	15.485	176	176618	19.753	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	43380	22.505	ng/ul		0.00
73) Anthracene-d10	17.335	188	294024	19.510	ng/ul		0.00
81) Pyrene-d10	19.633	212	382533m	18.020	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.321	264	415448	19.280	ng/ul		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	8630	7.730	ng/uL	#	67
5) Pyridine	3.745	79	43764	14.349	ng/ul		95
6) Benzaldehyde	6.994	77	47993	25.573	ng/ul	#	83
8) Phenol	7.047	94	70433	19.690	ng/ul	#	90
10) Bis(2-Chloroethyl)ether	7.276	93	50470	20.868	ng/ul		93
12) 2-Chlorophenol	7.418	128	48073	20.803	ng/ul	#	89
13) 2-Methylphenol	8.299	108	52198	21.096	ng/ul		92
14) 2,2'-oxybis(1-Chloropr...	8.369	45	54706	18.231	ng/ul		96
16) Acetophenone	8.669	105	89408	22.628	ng/ul		95
17) N-Nitroso-di-n-propyla...	8.651	70	50508	21.891	ng/ul	#	94
18) 4-Methylphenol	8.622	108	58768	21.702	ng/ul		97
19) Hexachloroethane	8.933	117	20159	20.534	ng/ul		96
22) Nitrobenzene	9.045	77	75029	20.984	ng/ul	#	92
23) Isophorone	9.568	82	152451	21.410	ng/ul		97
25) 2-Nitrophenol	9.762	139	30927	20.613	ng/ul		92
26) 2,4-Dimethylphenol	9.821	107	68960	20.514	ng/ul		93
27) Bis(2-Chloroethoxy)met...	10.050	93	73218	19.342	ng/ul		98
29) 2,4-Dichlorophenol	10.291	162	57981	20.661	ng/ul		96
30) Naphthalene	10.690	128	166841	19.877	ng/ul	#	95
32) 4-Chloroaniline	10.802	127	70912	20.645	ng/ul		95
33) Hexachlorobutadiene	10.984	225	50319	22.434	ng/ul		96
34) Caprolactam	11.560	113	21436m	22.945	ng/ul		
35) 4-Chloro-3-methylphenol	11.930	107	67072	20.796	ng/ul		96
36) 2-Methylnaphthalene	12.306	142	121264	20.048	ng/ul		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.523	142	121197	19.798	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.676	216	89589	19.576	ng/ul#	94
40) Hexachlorocyclopentadiene	12.658	237	56012	23.070	ng/ul	95
41) 2,4,6-Trichlorophenol	12.911	196	56729	19.892	ng/ul	93
42) 2,4,5-Trichlorophenol	12.987	196	61681	20.588	ng/ul	92
43) 1,1'-Biphenyl	13.316	154	183783	19.159	ng/ul	97
44) 2-Chloronaphthalene	13.358	162	143145	18.568	ng/ul	95
45) 2-Nitroaniline	13.563	65	56093	21.521	ng/ul	92
47) Dimethylphthalate	13.939	163	196619	20.012	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	37978	20.258	ng/ul#	77
50) Acenaphthylene	14.210	152	217055	19.223	ng/ul	99
51) 3-Nitroaniline	14.392	138	35969	21.394	ng/ul	100
52) Acenaphthene	14.550	153	152062	18.541	ng/ul	92
53) 2,4-Dinitrophenol	14.603	184	26846	23.976	ng/ul	94
55) 4-Nitrophenol	14.709	109	41537	23.903	ng/ul	87
56) Dibenzofuran	14.891	168	239631	19.702	ng/ul	94
57) 2,4-Dinitrotoluene	14.850	165	60053	21.254	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.114	232	59817	22.187	ng/ul#	94
59) Diethylphthalate	15.308	149	197076	18.028	ng/ul	99
61) Fluorene	15.537	166	179986	19.340	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.532	204	104631	20.375	ng/ul	97
63) 4-Nitroaniline	15.555	138	35695	21.155	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.620	198	47090m	22.837	ng/ul	
67) N-Nitrosodiphenylamine	15.749	169	174202	19.453	ng/ul	100
68) 4-Bromophenyl-phenylether	16.425	248	75067	21.175	ng/ul	97
69) Hexachlorobenzene	16.548	284	90414	22.090	ng/ul	94
70) Atrazine	16.701	200	80833	21.763	ng/ul#	93
71) Pentachlorophenol	16.889	266	52276	22.398	ng/ul	95
72) Phenanthrene	17.282	178	327125m	19.311	ng/ul	
74) Anthracene	17.371	178	340912	19.490	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	95692	19.679	ng/ul	97
76) Pentachlorobenzene	14.809	250	105548	20.566	ng/ul	95
77) Carbazole	17.641	167	271484	19.495	ng/ul	98
78) Di-n-butylphthalate	18.205	149	337286	18.831	ng/ul	99
80) Fluoranthene	19.298	202	427454m	18.451	ng/ul	
82) Pyrene	19.662	202	444843m	18.011	ng/ul	
83) Butylbenzylphthalate	20.561	149	149212	17.383	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.395	252	172630m	21.960	ng/ul	
85) Benzo(a)anthracene	21.472	228	471991m	19.009	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.389	149	218113m	17.587	ng/ul	
87) Chrysene	21.536	228	437711	18.841	ng/ul	99
89) Di-n-octyl phthalate	22.541	149	370154	17.106	ng/ul	100
90) Benzo(b)fluoranthene	23.575	252	484869	19.492	ng/ul#	97
91) Benzo(k)fluoranthene	23.634	252	487095	19.655	ng/ul#	96
93) Benzo(a)pyrene	24.392	252	451933	19.326	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.964	276	566594	19.774	ng/ul#	91
95) Dibenzo(a,h)anthracene	28.023	278	461617	20.153	ng/ul#	95
96) Benzo(g,h,i)perylene	29.039	276	428981	19.498	ng/ul#	94

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

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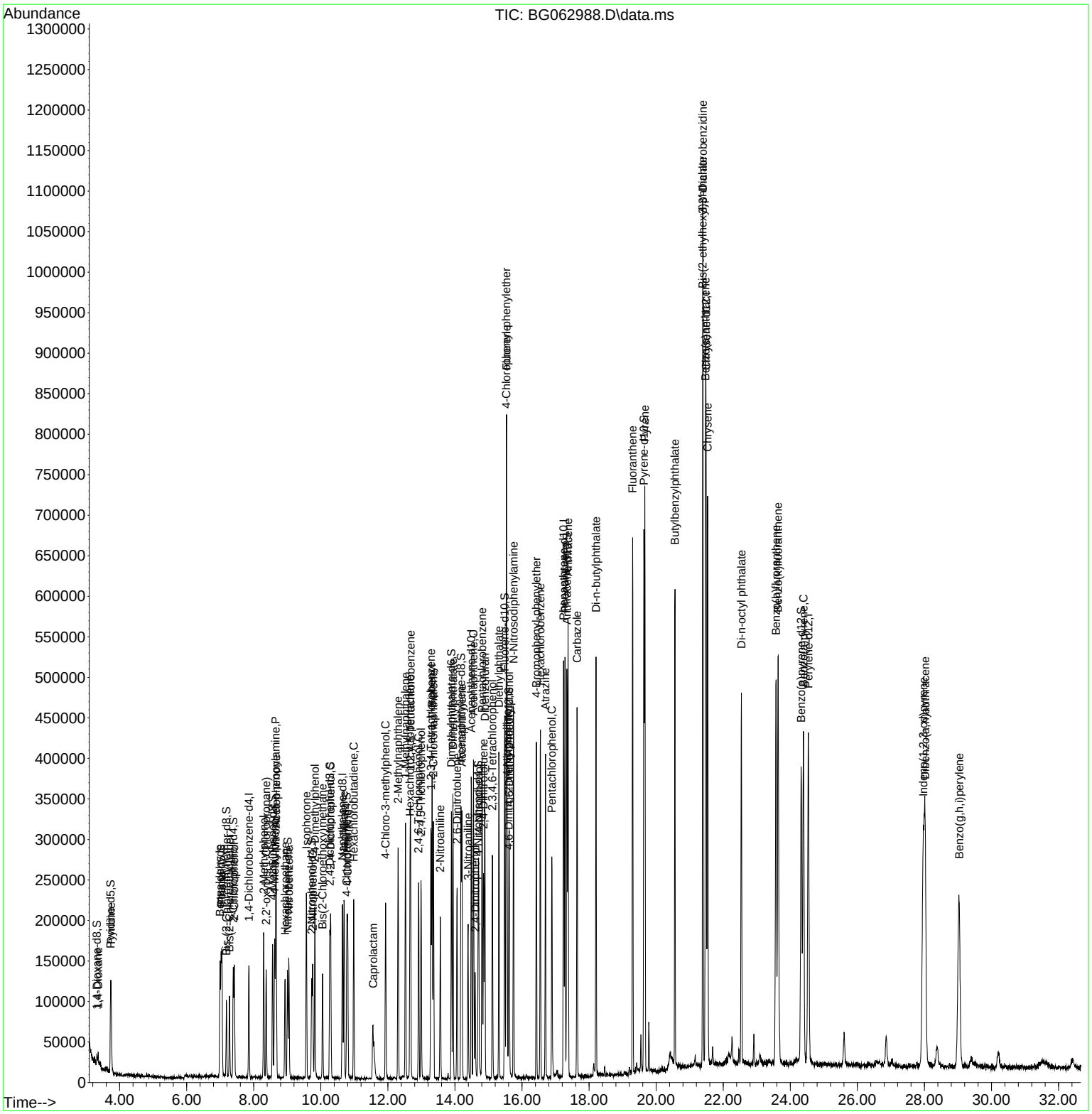
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