Quantitation Report (QT Reviewed)

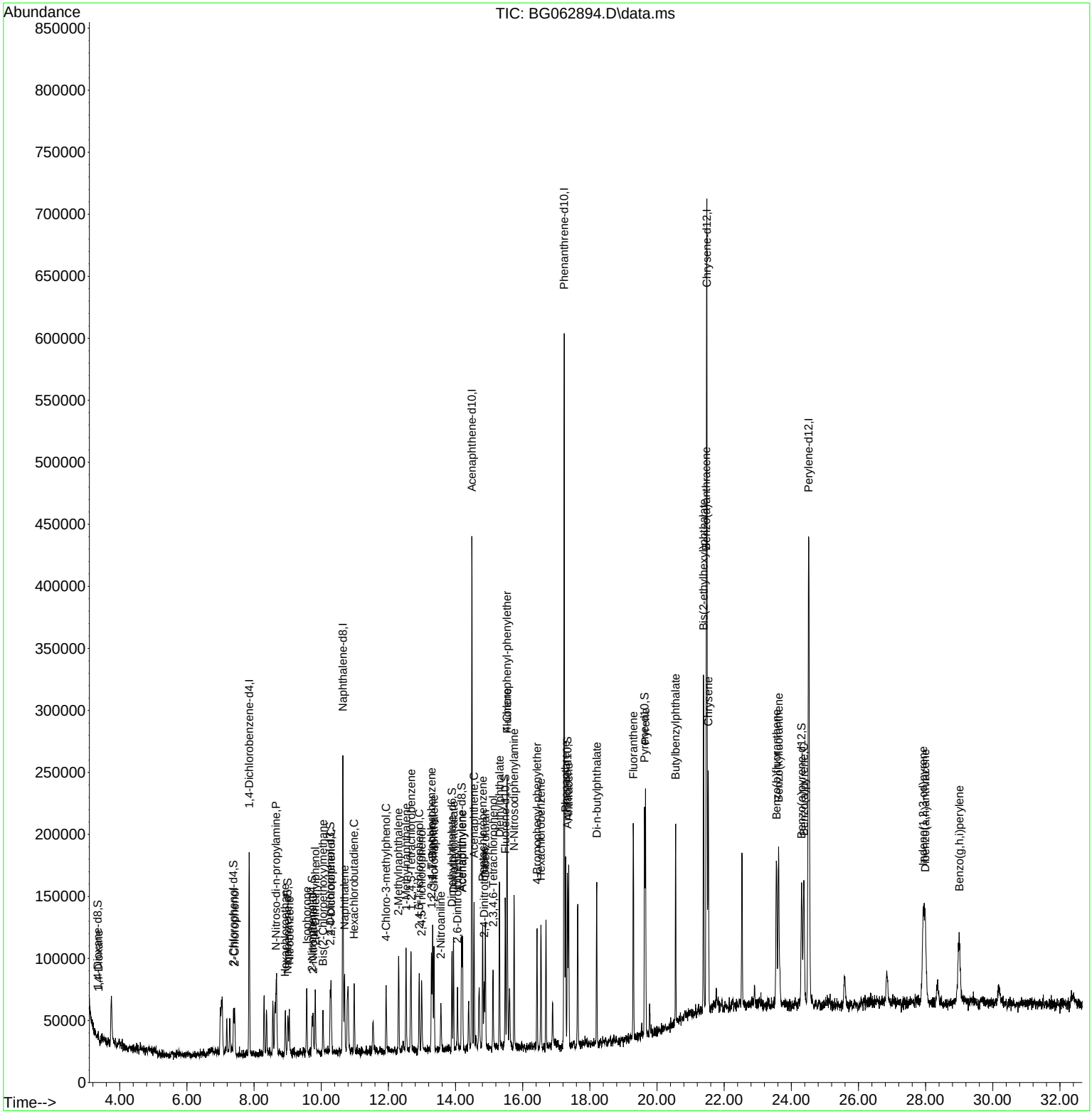
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091724\
Data File : BG062894.D
Acq On : 17 Sep 2024 16:31
Operator : JU/RC
Sample : SSTD00558
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 18 00:30:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:18:08 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005445

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	42389	20.000	ng/ul	0.00
20) Naphthalene-d8	10.644	136	178425	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	140052	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	341661	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	350629	20.000	ng/ul	0.00
88) Perylene-d12	24.516	264	389351	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2739m	2.921	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.383	132	14411	5.323	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.998	128	6509m	5.104	ng/ul	0.00
24) 2-Nitrophenol-d4	9.727	143	7264	5.208	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	15703m	5.170	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.893	166	50115	4.647	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	55165	4.606	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.479	176	46284	4.762	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.330	188	80363m	4.984	ng/ul	0.00
81) Pyrene-d10	19.627	212	102274	5.183	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	99576	4.843	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	2615	2.488	ng/uL#	78
12) 2-Chlorophenol	7.424	128	15090	5.451	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.652	70	15270	5.794	ng/ul	93
19) Hexachloroethane	8.922	117	6726	6.035	ng/ul#	69
22) Nitrobenzene	9.051	77	19699	5.710	ng/ul#	98
23) Isophorone	9.568	82	40306	5.715	ng/ul#	92
25) 2-Nitrophenol	9.762	139	7672	4.991	ng/ul	92
26) 2,4-Dimethylphenol	9.821	107	19614	5.972	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.050	93	20999	5.327	ng/ul#	90
29) 2,4-Dichlorophenol	10.291	162	15735	5.260	ng/ul#	91
30) Naphthalene	10.696	128	48003	5.018	ng/ul#	89
33) Hexachlorobutadiene	10.979	225	12585	5.050	ng/ul#	85
35) 4-Chloro-3-methylphenol	11.930	107	19260	5.902	ng/ul#	84
36) 2-Methylnaphthalene	12.301	142	35373	5.010	ng/ul	88
37) 1-Methylnaphthalene	12.530	142	35674	4.932	ng/ul#	80
39) 1,2,4,5-Tetrachloroben...	12.677	216	25120	5.217	ng/ul	91
41) 2,4,6-Trichlorophenol	12.917	196	14960	5.130	ng/ul	87
42) 2,4,5-Trichlorophenol	12.988	196	14765m	4.715	ng/ul	
43) 1,1'-Biphenyl	13.317	154	51484	5.228	ng/ul#	97
44) 2-Chloronaphthalene	13.358	162	40564	5.065	ng/ul	92
45) 2-Nitroaniline	13.564	65	12415	5.649	ng/ul	93
47) Dimethylphthalate	13.940	163	53645	4.830	ng/ul	97
48) 2,6-Dinitrotoluene	14.057	165	9192	4.698	ng/ul#	79
50) Acenaphthylene	14.204	152	58219	4.604	ng/ul	95

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Manual Integrations APPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52)	Acenaphthene	14.551	153	44221	4.937	ng/ul	96
56)	Dibenzofuran	14.886	168	65534	4.925	ng/ul	89
57)	2,4-Dinitrotoluene	14.850	165	13399	4.380	ng/ul#	96
58)	2,3,4,6-Tetrachlorophenol	15.121	232	13635	4.297	ng/ul#	84
59)	Diethylphthalate	15.309	149	72931	6.656	ng/ul#	93
61)	Fluorene	15.538	166	54298	5.194	ng/ul	94
62)	4-Chlorophenyl-phenyle...	15.532	204	28545	4.655	ng/ul	94
67)	N-Nitrosodiphenylamine	15.744	169	46341	5.289	ng/ul	96
68)	4-Bromophenyl-phenylether	16.425	248	17664	4.493	ng/ul	93
69)	Hexachlorobenzene	16.543	284	21233	4.730	ng/ul	96
72)	Phenanthrene	17.277	178	93567	5.266	ng/ul	96
74)	Anthracene	17.365	178	94666	5.226	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.282	216	25002	5.359	ng/ul	96
76)	Pentachlorobenzene	14.809	250	27158	5.253	ng/ul	98
78)	Di-n-butylphthalate	18.205	149	95429	5.372	ng/ul	97
80)	Fluoranthene	19.292	202	110814	5.071	ng/ul#	96
82)	Pyrene	19.657	202	123467	5.249	ng/ul#	96
83)	Butylbenzylphthalate	20.556	149	39680	5.682	ng/ul	98
85)	Benzo(a)anthracene	21.466	228	123788	5.076	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.384	149	61873	6.017	ng/ul#	97
87)	Chrysene	21.525	228	112821	4.877	ng/ul	96
90)	Benzo(b)fluoranthene	23.558	252	113126	4.706	ng/ul	96
91)	Benzo(k)fluoranthene	23.623	252	117397	4.769	ng/ul	92
93)	Benzo(a)pyrene	24.375	252	110561	4.876	ng/ul	93
94)	Indeno(1,2,3-cd)pyrene	27.923	276	135384m	4.846	ng/ul	
95)	Dibenzo(a,h)anthracene	27.994	278	106277	4.736	ng/ul	99
96)	Benzo(g,h,i)perylene	29.004	276	102034m	4.729	ng/ul	

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