Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017236.D
Acq On : 20 Sep 2023 13:25
Operator : MA/JU
Sample : SSTD08059
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 20 14:16:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 13:27:02 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080621

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	155761	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	629405	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	364601	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	763972	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	743146	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	834009	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	125230	32.437	ng/uL	0.00
4) Pyridine-d5	3.734	84	863294	79.559	ng/ul	0.00
7) Phenol-d5	7.099	99	1035550	79.986	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	614624	76.461	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	841931	81.800	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	808751	76.524	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	400718	88.689	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	446900	92.289	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	796607	85.366	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	1106228	79.169	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	2143195	80.709	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	2522137	83.233	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	399742	79.349	ng/ul	0.00
60) Fluorene-d10	15.604	176	1827075	79.348	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	391262	90.050	ng/ul	0.00
73) Anthracene-d10	17.481	188	2822222	84.377	ng/ul	0.00
81) Pyrene-d10	19.722	212	3286842	82.709	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	3424387	84.969	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	128529	31.974	ng/uL#	91
5) Pyridine	3.758	79	889517	79.126	ng/ul	96
6) Benzaldehyde	7.105	77	502660	71.572	ng/ul	97
8) Phenol	7.128	94	1038287	76.884	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	833788	77.123	ng/ul	98
12) 2-Chlorophenol	7.499	128	843814	80.706	ng/ul	99
13) 2-Methylphenol	8.387	108	775377	77.095	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.458	45	1047572m	72.812	ng/ul	
16) Acetophenone	8.799	105	1227493	74.541	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.775	70	621793	74.177	ng/ul	98
18) 4-Methylphenol	8.728	108	828486	74.813	ng/ul	98
19) Hexachloroethane	9.005	117	350959	81.478	ng/ul	98
22) Nitrobenzene	9.187	77	947294	80.845	ng/ul	99
23) Isophorone	9.705	82	1725898	79.449	ng/ul	100
25) 2-Nitrophenol	9.893	139	468205	87.392	ng/ul	96
26) 2,4-Dimethylphenol	9.928	107	881644	80.771	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.187	93	1073089	78.004	ng/ul	98
29) 2,4-Dichlorophenol	10.410	162	772251	81.804	ng/ul	99
30) Naphthalene	10.822	128	2593916	79.231	ng/ul	99
32) 4-Chloroaniline	10.957	127	1059074	78.126	ng/ul	99
33) Hexachlorobutadiene	11.046	225	519536	80.684	ng/ul	97
34) Caprolactam	11.799	113	227851m	79.486	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107	782069	78.129	ng/ul	97
36) 2-Methylnaphthalene	12.428	142	1727408	78.893	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	1742951	78.504	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.775	216	941902	83.488	ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	594159	92.104	ng/ul	96
41) 2,4,6-Trichlorophenol	13.034	196	608795	85.759	ng/ul	98
42) 2,4,5-Trichlorophenol	13.104	196	640349	85.054	ng/ul	100
43) 1,1'-Biphenyl	13.440	154	2195457	81.145	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	1765197	82.022	ng/ul	99
45) 2-Nitroaniline	13.722	65	489835	86.453	ng/ul	98
47) Dimethylphthalate	14.069	163	2129795	78.876	ng/ul	98
48) 2,6-Dinitrotoluene	14.216	165	436017	89.663	ng/ul	92
50) Acenaphthylene	14.334	152	2858759	81.500	ng/ul	99
51) 3-Nitroaniline	14.557	138	421173	80.609	ng/ul	94
52) Acenaphthene	14.669	153	1836504	79.142	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	274088	86.365	ng/ul	96
55) 4-Nitrophenol	14.851	109	311762	77.625	ng/ul	96
56) Dibenzofuran	15.010	168	2510461	78.312	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	623494	86.102	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.228	232	539554	82.149	ng/ul	94
59) Diethylphthalate	15.428	149	2107511	79.498	ng/ul	98
61) Fluorene	15.663	166	2039413	77.369	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	1028370	76.654	ng/ul	100
63) 4-Nitroaniline	15.728	138	378892	78.618	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.757	198	413499	88.313	ng/ul#	93
67) N-Nitrosodiphenylamine	15.881	169	1704006	83.309	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	643922	85.688	ng/ul	98
69) Hexachlorobenzene	16.639	284	728455	82.019	ng/ul	97
70) Atrazine	16.839	200	637511	87.185	ng/ul	99
71) Pentachlorophenol	17.004	266	478205	83.663	ng/ul	98
72) Phenanthrene	17.422	178	3233185	81.547	ng/ul	99
74) Anthracene	17.516	178	3295448	82.104	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.393	216	950386	86.433	ng/uL	98
76) Pentachlorobenzene	14.898	250	886137	88.020	ng/uL	98
77) Carbazole	17.804	167	2952965	83.583	ng/ul	99
78) Di-n-butylphthalate	18.310	149	3539890	89.465	ng/ul	99
80) Fluoranthene	19.392	202	3818333	82.421	ng/ul	100
82) Pyrene	19.751	202	3969202	80.657	ng/ul	100
83) Butylbenzylphthalate	20.610	149	1607891	92.683	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.410	252	1354025	85.818	ng/ul	99
85) Benzo(a)anthracene	21.469	228	4088970	81.613	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	2315259	94.230	ng/ul	97
87) Chrysene	21.527	228	3778494	80.889	ng/ul	98
89) Di-n-octyl phthalate	22.310	149	4054935	87.706	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	4177168	83.800	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	4043015	80.817	ng/ul	99
93) Benzo(a)pyrene	23.904	252	3969532	84.699	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.704	276	4954385	91.782	ng/ul	99
95) Dibenzo(a,h)anthracene	26.727	278	4117480	91.016	ng/ul	98
96) Benzo(g,h,i)perylene	27.545	276	3938989	93.415	ng/ul	99

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

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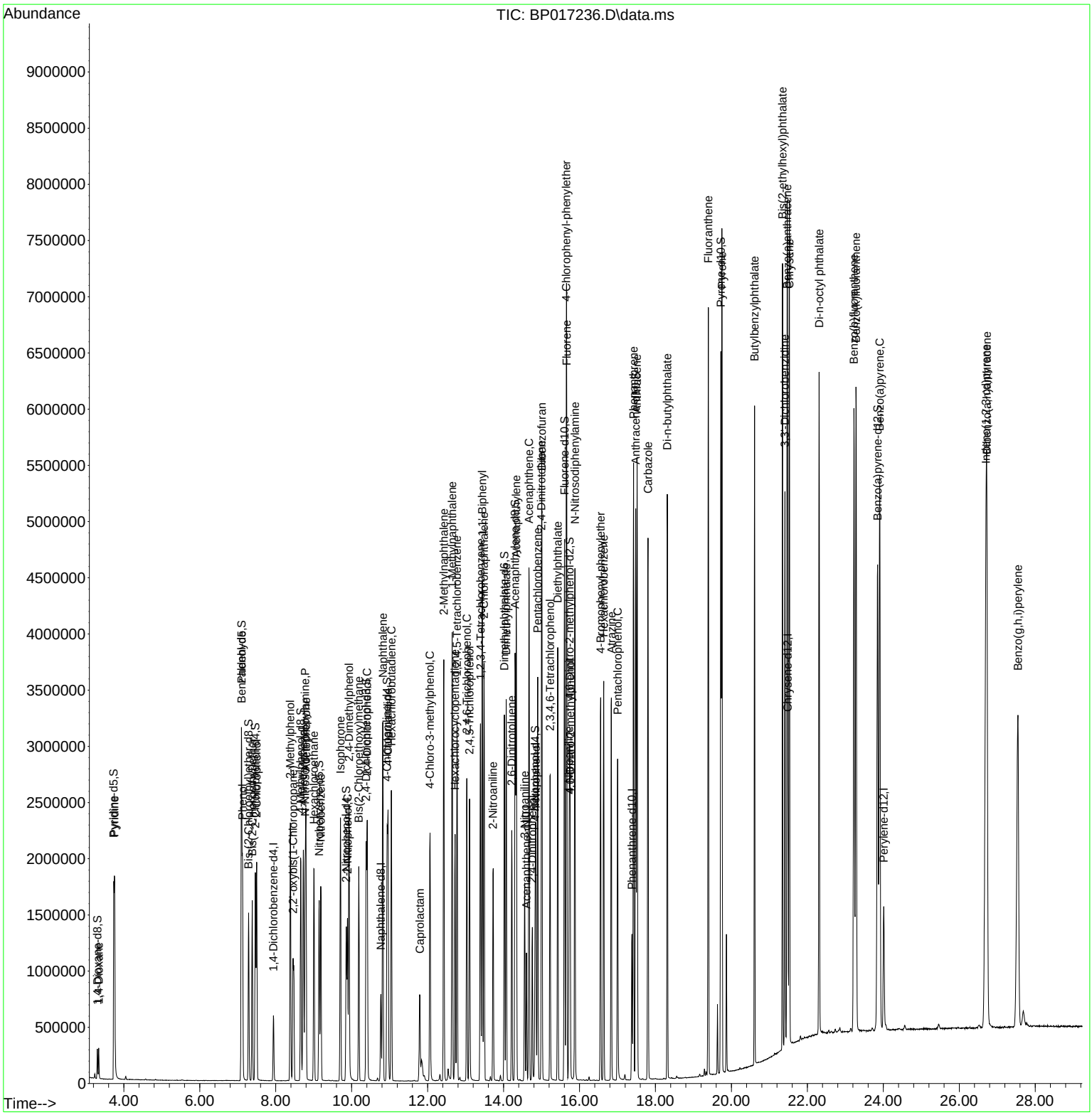
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023