Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031022\
Data File : BM034211.D
Acq On : 11 Mar 2022 01:23
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 11 11:47:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031022.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 02:00:05 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV003

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

03/11/2022
Supervised By :mohammad ahmed

03/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	170391	20.000	ng/ul	0.00
20) Naphthalene-d8	10.766	136	677830	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.595	164	435457	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.330	188	851619	20.000	ng/ul	0.00
79) Chrysene-d12	21.500	240	786986	20.000	ng/ul	0.00
88) Perylene-d12	23.918	264	803589	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	29533	7.566	ng/uL	0.00
4) Pyridine-d5	3.743	84	175117	18.843	ng/ul	0.00
7) Phenol-d5	7.101	99	213753	18.746	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.272	67	129893	19.418	ng/ul	0.00
11) 2-Chlorophenol-d4	7.478	132	199701	20.265	ng/ul	0.00
15) 4-Methylphenol-d8	8.660	113	183457	18.812	ng/ul	0.00
21) Nitrobenzene-d5	9.113	128	97456	20.044	ng/ul	0.00
24) 2-Nitrophenol-d4	9.842	143	107129	19.870	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.384	165	213093	19.716	ng/ul	0.00
31) 4-Chloroaniline-d4	10.895	131	246005	18.302	ng/ul	0.00
46) Dimethylphthalate-d6	14.001	166	593891	18.744	ng/ul	0.00
49) Acenaphthylene-d8	14.283	160	761198	18.915	ng/ul	0.00
54) 4-Nitrophenol-d4	14.771	143	84344	17.090	ng/ul	0.00
60) Fluorene-d10	15.583	176	513478	18.513	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	96020	17.821	ng/ul	0.00
73) Anthracene-d10	17.430	188	757198	18.825	ng/ul	0.00
81) Pyrene-d10	19.712	212	846964	19.768	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.765	264	778545	19.638	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	28968	7.490	ng/uL	99
5) Pyridine	3.766	79	183395	19.041	ng/ul	99
6) Benzaldehyde	7.078	77	145623	24.538	ng/ul	98
8) Phenol	7.131	94	210241	18.687	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.366	93	183985	19.616	ng/ul	98
12) 2-Chlorophenol	7.513	128	199676	20.083	ng/ul	98
13) 2-Methylphenol	8.395	108	169181	18.791	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.484	45	166934	19.301	ng/ul	97
16) Acetophenone	8.778	105	291715	19.050	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.760	70	143749	19.951	ng/ul	99
18) 4-Methylphenol	8.719	108	186895	19.255	ng/ul	97
19) Hexachloroethane	9.042	117	87674	19.552	ng/ul	97
22) Nitrobenzene	9.154	77	208118	19.721	ng/ul	98
23) Isophorone	9.684	82	388157	19.461	ng/ul	99
25) 2-Nitrophenol	9.872	139	113614	20.579	ng/ul	100
26) 2,4-Dimethylphenol	9.931	107	222091	19.470	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.172	93	238852	19.467	ng/ul	99
29) 2,4-Dichlorophenol	10.407	162	200592	19.231	ng/ul	99
30) Naphthalene	10.819	128	641434	18.949	ng/ul	98
32) 4-Chloroaniline	10.919	127	243675	18.227	ng/ul	99
33) Hexachlorobutadiene	11.113	225	161196	18.704	ng/ul	99
34) Caprolactam	11.672	113	52573	18.017	ng/ul	97
35) 4-Chloro-3-methylphenol	12.042	107	187579	19.386	ng/ul	97
36) 2-Methylnaphthalene	12.425	142	443613	19.082	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.642	142	452332	19.050	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.795	216	281654	18.747	ng/ul	99
40) Hexachlorocyclopentadiene	12.783	237	191996	17.913	ng/ul	94
41) 2,4,6-Trichlorophenol	13.030	196	170499	19.368	ng/ul	98
42) 2,4,5-Trichlorophenol	13.095	196	184336	19.321	ng/ul	97
43) 1,1'-Biphenyl	13.430	154	609200	18.834	ng/ul	99
44) 2-Chloronaphthalene	13.472	162	480299	18.786	ng/ul	99
45) 2-Nitroaniline	13.666	65	100421	19.803	ng/ul	98
47) Dimethylphthalate	14.048	163	571265	18.468	ng/ul	100
48) 2,6-Dinitrotoluene	14.160	165	114085	18.915	ng/ul	99
50) Acenaphthylene	14.313	152	742409	18.832	ng/ul	99
51) 3-Nitroaniline	14.483	138	98362	18.730	ng/ul	99
52) Acenaphthene	14.654	153	484639	18.743	ng/ul	99
53) 2,4-Dinitrophenol	14.689	184	80172	20.444	ng/ul	98
55) 4-Nitrophenol	14.783	109	71320	17.364	ng/ul	94
56) Dibenzofuran	14.989	168	696225	18.591	ng/ul	100
57) 2,4-Dinitrotoluene	14.942	165	162661	19.599	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.213	232	154324	18.919	ng/ul	100
59) Diethylphthalate	15.407	149	553490	18.728	ng/ul	100
61) Fluorene	15.636	166	564719	18.543	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.630	204	304442	18.438	ng/ul	99
63) 4-Nitroaniline	15.642	138	90897m	20.446	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.707	198	94033	17.854	ng/ul#	96
67) N-Nitrosodiphenylamine	15.842	169	473760	19.235	ng/ul	100
68) 4-Bromophenyl-phenylether	16.524	248	182847	19.057	ng/ul	100
69) Hexachlorobenzene	16.642	284	224522	18.760	ng/ul	98
70) Atrazine	16.789	200	178877	18.432	ng/ul	99
71) Pentachlorophenol	16.983	266	126516	17.574	ng/ul	98
72) Phenanthrene	17.371	178	851555	18.781	ng/ul	99
74) Anthracene	17.465	178	859359	19.097	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.395	216	286011	18.994	ng/uL	98
76) Pentachlorobenzene	14.913	250	269501	19.026	ng/uL	99
77) Carbazole	17.730	167	650311	17.783	ng/ul	99
78) Di-n-butylphthalate	18.301	149	865432	19.793	ng/ul	99
80) Fluoranthene	19.383	202	961285	19.719	ng/ul	99
82) Pyrene	19.742	202	996933	19.706	ng/ul	99
83) Butylbenzylphthalate	20.636	149	337610	19.936	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.418	252	313408	20.088	ng/ul	99
85) Benzo(a)anthracene	21.483	228	898583	19.537	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.418	149	499264	19.823	ng/ul	99
87) Chrysene	21.536	228	931477	18.812	ng/ul	99
89) Di-n-octyl phthalate	22.347	149	806423	18.728	ng/ul	100
90) Benzo(b)fluoranthene	23.183	252	929905	19.738	ng/ul	100
91) Benzo(k)fluoranthene	23.230	252	945032	19.680	ng/ul	99
93) Benzo(a)pyrene	23.812	252	905326	19.266	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.441	276	1017298	19.800	ng/ul	98
95) Dibenzo(a,h)anthracene	26.459	278	857393	19.918	ng/ul	99
96) Benzo(g,h,i)perylene	27.218	276	939747	19.669	ng/ul	99

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

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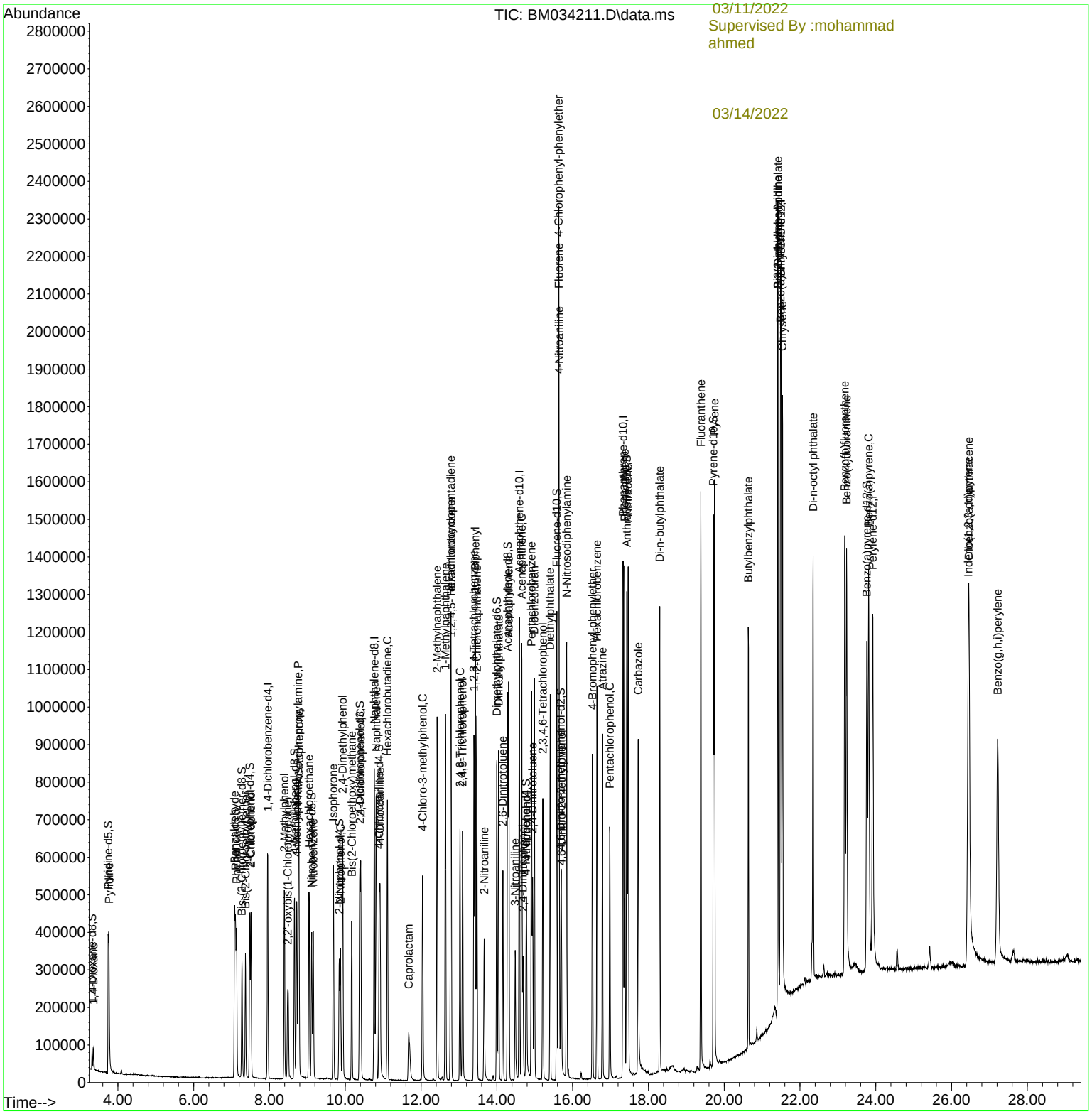
03/14/2022