Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018076.D
Acq On : 11 Nov 2023 21:25
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020668

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/12/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 11 22:18:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	68980	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	282072	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	177068	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	395652	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	398898	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	444631	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	17733	9.069	ng/uL	0.00
4) Pyridine-d5	3.664	84	115744	22.701	ng/ul	0.00
7) Phenol-d5	7.016	99	145918	21.911	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	89178	22.787	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	123527	23.423	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	109203	20.011	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	52539	20.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	60491	21.011	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	110667	21.567	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	144763	20.572	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	335389	20.529	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	373482	20.988	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	40803	16.713	ng/ul	0.00
60) Fluorene-d10	15.522	176	279186	20.698	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	57652	20.156	ng/ul	0.00
73) Anthracene-d10	17.404	188	449892	21.025	ng/ul	0.00
81) Pyrene-d10	19.657	212	531223	19.937	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.763	264	538696	20.836	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	18829	8.824	ng/uL	100
5) Pyridine	3.681	79	115129	21.879	ng/ul	97
6) Benzaldehyde	7.016	77	93451	26.056	ng/ul	98
8) Phenol	7.046	94	145220	22.105	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.293	93	115904	22.741	ng/ul	98
12) 2-Chlorophenol	7.405	128	124587	23.529	ng/ul	96
13) 2-Methylphenol	8.305	108	102252	20.600	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.358	45	126458m	21.730	ng/ul	
16) Acetophenone	8.705	105	172782	19.919	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.669	70	93739	19.794	ng/ul	98
18) 4-Methylphenol	8.640	108	107739	19.902	ng/ul	99
19) Hexachloroethane	8.899	117	52831	20.854	ng/ul	93
22) Nitrobenzene	9.099	77	150288	21.902	ng/ul	94
23) Isophorone	9.605	82	255181	20.380	ng/ul	99
25) 2-Nitrophenol	9.799	139	62856	21.246	ng/ul	98
26) 2,4-Dimethylphenol	9.840	107	126656	20.125	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.093	93	143924	21.078	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	105358	21.501	ng/ul	99
30) Naphthalene	10.716	128	354246	20.651	ng/ul	100
32) 4-Chloroaniline	10.869	127	138239	20.509	ng/ul	100
33) Hexachlorobutadiene	10.934	225	77215	21.465	ng/ul	98
34) Caprolactam	11.704	113	29809	18.312	ng/ul	95
35) 4-Chloro-3-methylphenol	11.987	107	122478	20.776	ng/ul	94
36) 2-Methylnaphthalene	12.334	142	244903	20.795	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	245778	20.309	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	128916	21.552	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	50042	17.332	ng/ul	98
41) 2,4,6-Trichlorophenol	12.951	196	86577	22.064	ng/ul	96
42) 2,4,5-Trichlorophenol	13.034	196	89770	21.738	ng/ul	98
43) 1,1'-Biphenyl	13.351	154	317775	21.105	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	257328	21.527	ng/ul	97
45) 2-Nitroaniline	13.657	65	83771	21.716	ng/ul	98
47) Dimethylphthalate	13.993	163	332020	20.717	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	65385	20.526	ng/ul	98
50) Acenaphthylene	14.251	152	417429	20.778	ng/ul	99
51) 3-Nitroaniline	14.493	138	65961m	22.315	ng/ul	
52) Acenaphthene	14.587	153	278202	20.883	ng/ul	100
53) 2,4-Dinitrophenol	14.710	184	26742	15.389	ng/ul	97
55) 4-Nitrophenol	14.798	109	67435	20.809	ng/ul	99
56) Dibenzofuran	14.928	168	383261	20.993	ng/ul	98
57) 2,4-Dinitrotoluene	14.940	165	98037	20.599	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.151	232	79353	21.600	ng/ul	98
59) Diethylphthalate	15.345	149	348090	20.790	ng/ul	99
61) Fluorene	15.581	166	321403	20.736	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.569	204	161892	21.314	ng/ul	98
63) 4-Nitroaniline	15.669	138	68355	24.506	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.692	198	59880	20.175	ng/ul#	96
67) N-Nitrosodiphenylamine	15.804	169	265953	20.960	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	93507	20.969	ng/ul	93
69) Hexachlorobenzene	16.557	284	102882	20.676	ng/ul	97
70) Atrazine	16.763	200	95657	21.612	ng/ul	97
71) Pentachlorophenol	16.934	266	65381	21.646	ng/ul	96
72) Phenanthrene	17.345	178	506831	20.863	ng/ul	99
74) Anthracene	17.439	178	522871	21.091	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	131916	21.834	ng/uL	98
76) Pentachlorobenzene	14.816	250	125155	21.160	ng/uL	96
77) Carbazole	17.734	167	469747	21.820	ng/ul	99
78) Di-n-butylphthalate	18.239	149	593053	21.711	ng/ul	99
80) Fluoranthene	19.328	202	615576	19.782	ng/ul	100
82) Pyrene	19.686	202	650809	19.959	ng/ul	100
83) Butylbenzylphthalate	20.551	149	292596	21.337	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.357	252	207664	21.790	ng/ul	96
85) Benzo(a)anthracene	21.410	228	671056	20.834	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	419503	22.188	ng/ul	99
87) Chrysene	21.469	228	622038	20.642	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	736888	22.161	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	679498	21.474	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	643578	20.215	ng/ul	99
93) Benzo(a)pyrene	23.816	252	629228	21.057	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.586	276	748739	20.891	ng/ul	100
95) Dibenzo(a,h)anthracene	26.610	278	619192	20.982	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	596198	20.798	ng/ul	98

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

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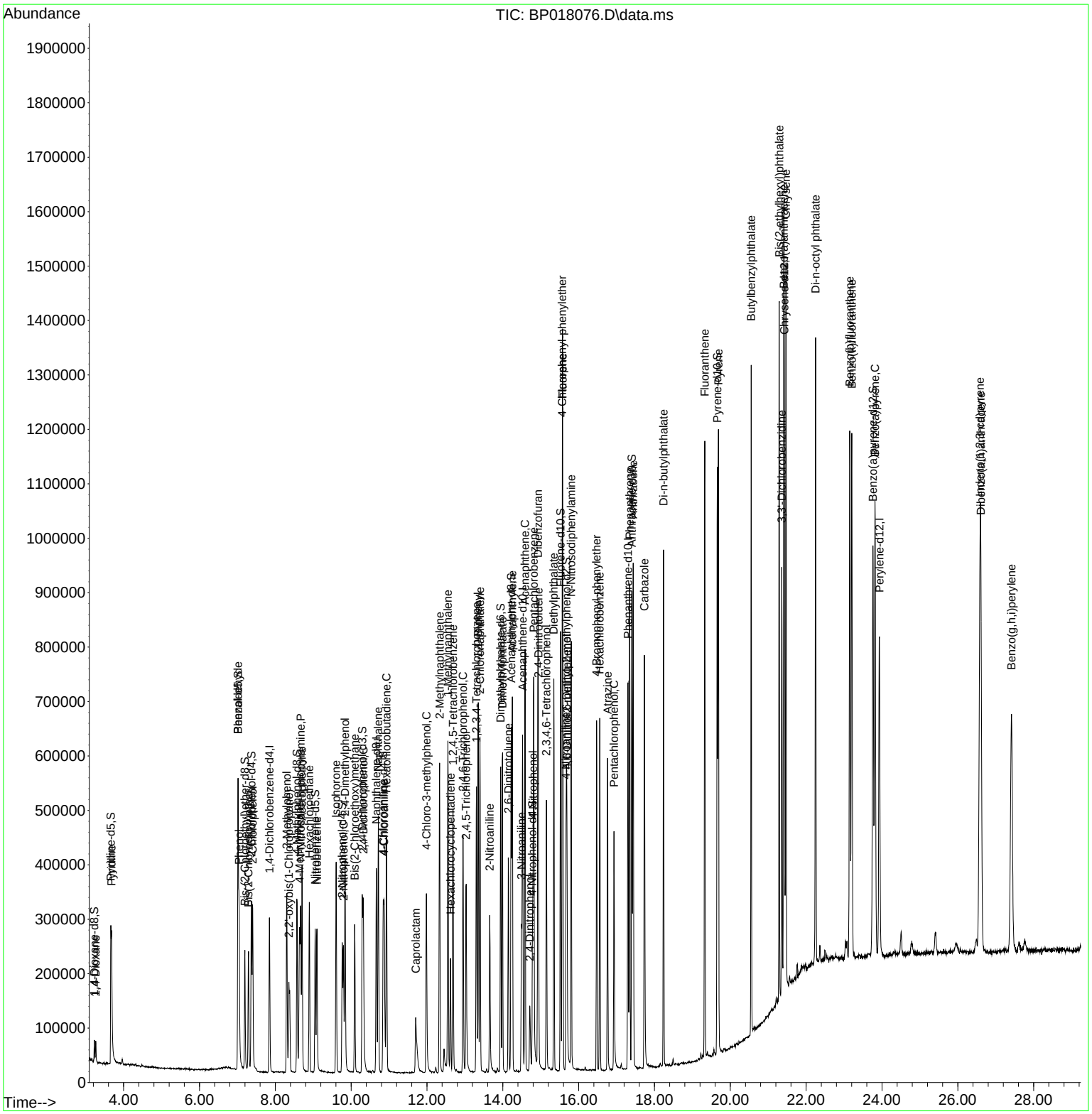
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