Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015139.D
Acq On : 18 May 2023 11:40
Operator : CG/JU
Sample : 02612-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 19 00:53:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 18 01:09:56 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
JREG4MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	306791	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1482462	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.769	164	916674	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.522	188	1949098	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1579228	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1437458	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	12104	1.533	ng/uL	0.00
4) Pyridine-d5	3.905	84	18889m	0.844	ng/ul	0.04
7) Phenol-d5	7.275	99	391216	13.734	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	251052	15.260	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	300627	14.354	ng/ul	0.00
15) 4-Methylphenol-d8	8.840	113	317138	13.972	ng/ul	0.00
21) Nitrobenzene-d5	9.305	128	154530	13.265	ng/ul	0.00
24) 2-Nitrophenol-d4	10.034	143	168525	13.002	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	318813	13.631	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	448505	12.960	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	1132758	16.353	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	1226860	15.486	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	180026	13.384	ng/ul	0.00
60) Fluorene-d10	15.757	176	930053	15.912	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	152086	12.381	ng/ul	0.00
73) Anthracene-d10	17.622	188	1505255	16.866	ng/ul	0.00
81) Pyrene-d10	19.839	212	1773796	19.366	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	1315628	18.437	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	38131	4.494	ng/uL#	96
6) Benzaldehyde	7.258	77	198313m	25.329	ng/ul	
8) Phenol	7.305	94	381106	13.048	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.540	93	306667	13.123	ng/ul	99
12) 2-Chlorophenol	7.687	128	272993	12.323	ng/ul	97
13) 2-Methylphenol	8.575	108	239583	10.613	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	397021	13.560	ng/ul	98
16) Acetophenone	8.963	105	628864	17.752	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.946	70	253273	13.632	ng/ul	99
18) 4-Methylphenol	8.905	108	296999	11.953	ng/ul	98
19) Hexachloroethane	9.222	117	112346	12.420	ng/ul	97
22) Nitrobenzene	9.346	77	360367	12.525	ng/ul	98
23) Isophorone	9.875	82	715911	12.106	ng/ul	99
25) 2-Nitrophenol	10.063	139	164432	11.569	ng/ul	95
26) 2,4-Dimethylphenol	10.116	107	170111	5.997	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.357	93	452958	12.589	ng/ul	98
29) 2,4-Dichlorophenol	10.599	162	276812	11.717	ng/ul	97
30) Naphthalene	11.010	128	1003322	12.449	ng/ul	99
32) 4-Chloroaniline	11.116	127	320867	9.021	ng/ul	99
33) Hexachlorobutadiene	11.293	225	163137	11.457	ng/ul	96
34) Caprolactam	11.893	113	98333	11.040	ng/ul	91
35) 4-Chloro-3-methylphenol	12.228	107	319041	11.960	ng/ul	99
36) 2-Methylnaphthalene	12.604	142	679687	12.516	ng/ul	100
37) 1-Methylnaphthalene	12.822	142	705105	12.930	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39)	1,2,4,5-Tetrachloroben...	12.969	216	344782	12.576	ng/ul	96
40)	Hexachlorocyclopentadiene	12.945	237	143722	8.091	ng/ul	99
41)	2,4,6-Trichlorophenol	13.204	196	222844	11.511	ng/ul	98
42)	2,4,5-Trichlorophenol	13.275	196	253074	12.057	ng/ul	99
43)	1,1'-Biphenyl	13.604	154	943638	13.268	ng/ul	99
44)	2-Chloronaphthalene	13.651	162	733719	13.210	ng/ul	100
45)	2-Nitroaniline	13.851	65	210883	13.270	ng/ul	89
47)	Dimethylphthalate	14.216	163	992701	13.761	ng/ul	99
48)	2,6-Dinitrotoluene	14.340	165	178017	12.456	ng/ul	92
50)	Acenaphthylene	14.492	152	1161500	13.140	ng/ul	100
51)	3-Nitroaniline	14.669	138	180579	14.032	ng/ul	92
52)	Acenaphthene	14.834	153	815384	13.506	ng/ul	99
53)	2,4-Dinitrophenol	14.881	184	87656	9.237	ng/ul	91
55)	4-Nitrophenol	14.969	109	144294	14.585	ng/ul	95
56)	Dibenzofuran	15.163	168	1139249	13.567	ng/ul	100
57)	2,4-Dinitrotoluene	15.128	165	284080	13.736	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.387	232	220866	12.468	ng/ul	97
59)	Diethylphthalate	15.575	149	1027796	14.285	ng/ul	99
61)	Fluorene	15.816	166	958560	14.204	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.804	204	447642	13.576	ng/ul	96
63)	4-Nitroaniline	15.834	138	203972	18.354	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.892	198	167439	13.208	ng/ul	98
67)	N-Nitrosodiphenylamine	16.016	169	810720	14.146	ng/ul	99
68)	4-Bromophenyl-phenylether	16.698	248	283795	14.136	ng/ul	98
69)	Hexachlorobenzene	16.822	284	342420	14.433	ng/ul	99
70)	Atrazine	16.969	200	216218	10.207	ng/ul	99
71)	Pentachlorophenol	17.163	266	164756	11.102	ng/ul	96
72)	Phenanthrene	17.563	178	1596461	15.042	ng/ul	100
74)	Anthracene	17.657	178	1588152	14.797	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.575	216	348259	12.602	ng/uL	99
76)	Pentachlorobenzene	15.087	250	354358	12.771	ng/uL	99
77)	Carbazole	17.922	167	1538267	16.345	ng/ul	100
78)	Di-n-butylphthalate	18.451	149	1984797	16.377	ng/ul	100
80)	Fluoranthene	19.516	202	1910712	17.116	ng/ul	100
82)	Pyrene	19.869	202	2011052	17.444	ng/ul	99
83)	Butylbenzylphthalate	20.722	149	795129	15.558	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.504	252	427112	12.314	ng/ul	99
85)	Benzo(a)anthracene	21.580	228	1744945	15.980	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.480	149	1142687	15.530	ng/ul	98
87)	Chrysene	21.639	228	1684673	16.139	ng/ul	99
89)	Di-n-octyl phthalate	22.457	149	1800579	18.290	ng/ul	100
90)	Benzo(b)fluoranthene	23.368	252	1526901	16.756	ng/ul	100
91)	Benzo(k)fluoranthene	23.421	252	1567782	17.917	ng/ul	100
93)	Benzo(a)pyrene	24.045	252	1284876	15.952	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.868	276	1484909	14.238	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.886	278	1239210	14.475	ng/ul	100
96)	Benzo(g,h,i)perylene	27.704	276	1116505	13.128	ng/ul	99

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

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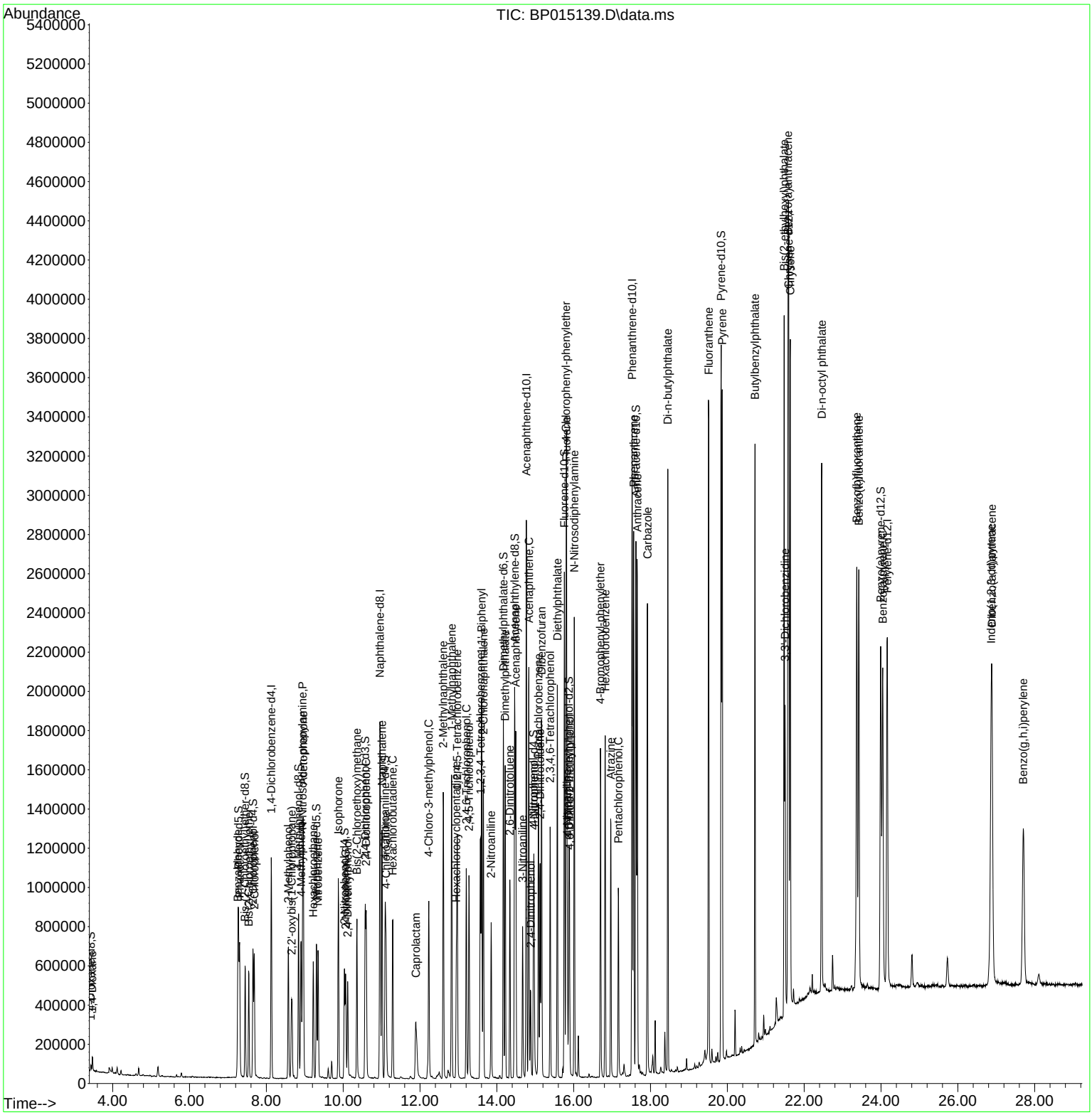
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