Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101623\
Data File : BP017688.D
Acq On : 16 Oct 2023 18:30
Operator : MA/JU
Sample : 03573-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

Quant Time: Oct 17 00:58:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 16:14:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	98825	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	388196	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	243742	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	573011	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	641431	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	752203	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	15363	5.731	ng/uL	0.00
4) Pyridine-d5	3.699	84	178004	24.023	ng/ul	0.00
7) Phenol-d5	7.057	99	196956	21.407	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	130653	23.416	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	160403	22.523	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	152710	20.780	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	74743	22.923	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	78777	21.484	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	146731	21.291	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	209510	21.209	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	473540	22.432	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	522984	23.006	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	67941m	19.244	ng/ul	0.00
60) Fluorene-d10	15.610	176	432586	24.090	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	60106	14.840	ng/ul	0.00
73) Anthracene-d10	17.498	188	673929	22.782	ng/ul	0.00
81) Pyrene-d10	19.757	212	871057	22.563	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	1004157	23.780	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.722	79	28258	3.713	ng/ul#	66
6) Benzaldehyde	7.069	77	23161	4.970	ng/ul	94
8) Phenol	7.087	94	32192	3.525	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.340	93	27861	3.803	ng/ul	95
12) 2-Chlorophenol	7.452	128	25787	3.624	ng/ul#	86
13) 2-Methylphenol	8.357	108	21333m	3.138	ng/ul	
14) 2,2'-oxybis(1-Chloropr...	8.422	45	35692m	3.775	ng/ul	
16) Acetophenone	8.763	105	38832	3.396	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.728	70	19765	3.415	ng/ul#	92
18) 4-Methylphenol	8.693	108	24855	3.364	ng/ul	90
19) Hexachloroethane	8.963	117	11649	3.665	ng/ul	96
22) Nitrobenzene	9.151	77	31412	3.751	ng/ul#	96
23) Isophorone	9.669	82	47801	3.165	ng/ul	99
25) 2-Nitrophenol	9.863	139	13880	3.558	ng/ul	95
26) 2,4-Dimethylphenol	9.910	107	26090	3.366	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.157	93	33649	3.647	ng/ul	92
29) 2,4-Dichlorophenol	10.387	162	23982m	3.606	ng/ul	
30) Naphthalene	10.787	128	88559	3.924	ng/ul	98
32) 4-Chloroaniline	10.940	127	32279	3.417	ng/ul	95
33) Hexachlorobutadiene	11.010	225	20250	3.938	ng/ul	94
34) Caprolactam	11.769	113	11250m	5.531	ng/ul	
35) 4-Chloro-3-methylphenol	12.057	107	19487	2.778	ng/ul	94
36) 2-Methylnaphthalene	12.410	142	57427	3.716	ng/ul	93
37) 1-Methylnaphthalene	12.628	142	58879	3.753	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.763	216	34045	3.829	ng/ul#	97
40) Hexachlorocyclopentadiene	12.698	237	11817	2.958	ng/ul	93
41) 2,4,6-Trichlorophenol	13.034	196	16361	2.988	ng/ul	90
42) 2,4,5-Trichlorophenol	13.116	196	18459m	3.193	ng/ul	
43) 1,1'-Biphenyl	13.428	154	74309	3.720	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	61181	3.828	ng/ul	99
45) 2-Nitroaniline	13.734	65	13336m	3.019	ng/ul	
47) Dimethylphthalate	14.069	163	75112	3.603	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	11162m	2.893	ng/ul	
50) Acenaphthylene	14.328	152	94229	3.664	ng/ul	99
51) 3-Nitroaniline	14.575	138	10668m	2.742	ng/ul	
52) Acenaphthene	14.669	153	65111	3.807	ng/ul	96
53) 2,4-Dinitrophenol	14.786	184	12451	5.226	ng/ul	98
55) 4-Nitrophenol	14.875	109	12896m	3.899	ng/ul	
56) Dibenzofuran	15.010	168	93477	3.810	ng/ul	96
57) 2,4-Dinitrotoluene	15.016	165	17473	2.934	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.233	232	16170	3.024	ng/ul#	97
59) Diethylphthalate	15.433	149	71599	3.424	ng/ul	97
61) Fluorene	15.663	166	76720	3.792	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.657	204	39728	3.693	ng/ul	96
63) 4-Nitroaniline	15.751	138	13142m	3.399	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.769	198	11614m	2.738	ng/ul	
67) N-Nitrosodiphenylamine	15.886	169	59361	3.467	ng/ul	98
68) 4-Bromophenyl-phenylether	16.569	248	23239	3.363	ng/ul	99
69) Hexachlorobenzene	16.651	284	29246	3.557	ng/ul	96
70) Atrazine	16.851	200	19692	2.972	ng/ul	98
71) Pentachlorophenol	17.033	266	16770m	3.367	ng/ul	
72) Phenanthrene	17.439	178	126264	3.746	ng/ul	98
74) Anthracene	17.533	178	125585	3.683	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	32177	3.559	ng/uL	96
76) Pentachlorobenzene	14.898	250	37519	4.044	ng/uL	95
77) Carbazole	17.833	167	97735	3.165	ng/ul	99
78) Di-n-butylphthalate	18.339	149	101436	2.667	ng/ul	99
80) Fluoranthene	19.427	202	145371	3.295	ng/ul	99
82) Pyrene	19.786	202	166355	3.609	ng/ul	98
83) Butylbenzylphthalate	20.657	149	42631	2.377	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.474	252	57482	3.499	ng/ul	96
85) Benzo(a)anthracene	21.527	228	169940	3.455	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	56932	2.100	ng/ul	97
87) Chrysene	21.580	228	172425	3.799	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	104803	2.134	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	180283	3.520	ng/ul	98
91) Benzo(k)fluoranthene	23.362	252	169156	3.319	ng/ul	99
93) Benzo(a)pyrene	23.992	252	171082	3.587	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.851	276	210527	3.599	ng/ul	96
95) Dibenzo(a,h)anthracene	26.868	278	175065	3.571	ng/ul	97
96) Benzo(g,h,i)perylene	27.692	276	177484	3.816	ng/ul	97

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

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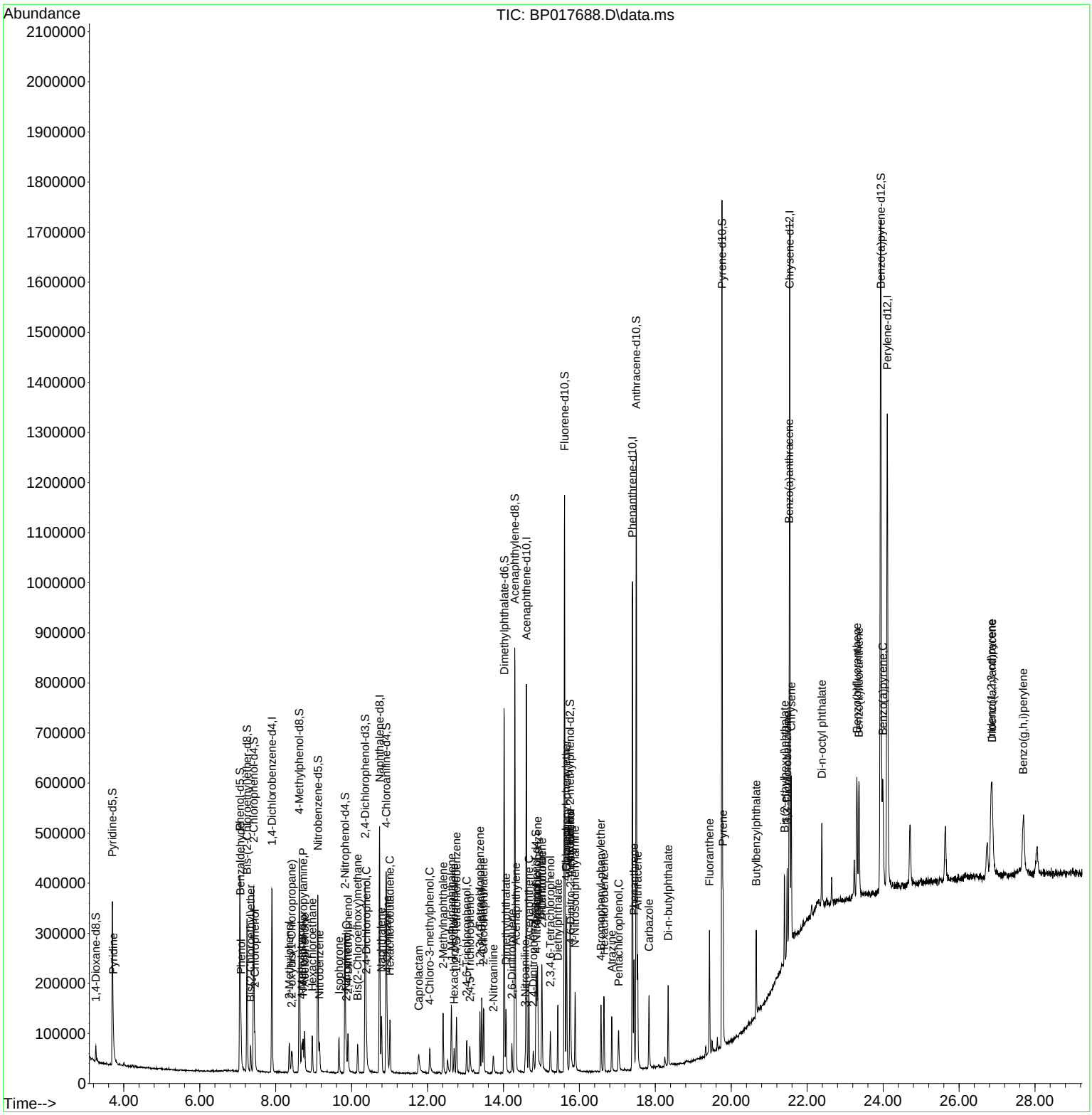
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