Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018749.D
Acq On : 12 Dec 2023 03:53
Operator : MA/JU
Sample : PB157493BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS493

Quant Time: Dec 12 04:22:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 11 22:02:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	159614	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	609983	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	386388	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	893323	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	946796	20.000	ng/ul	0.00
88) Perylene-d12	23.669	264	1116686	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	26449	5.647	ng/uL	0.00
4) Pyridine-d5	3.675	84	350914	27.970	ng/ul	0.00
7) Phenol-d5	7.011	99	422038	26.348	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	246496	25.964	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	338570	27.088	ng/ul	0.00
15) 4-Methylphenol-d8	8.558	113	329782	25.440	ng/ul	0.00
21) Nitrobenzene-d5	9.005	128	158773	29.245	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	172102	30.576	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	354473	30.799	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	420103	27.930	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1047593	30.378	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1139733	30.014	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	186225	32.898	ng/ul	0.00
60) Fluorene-d10	15.463	176	884726	30.564	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	175826	32.825	ng/ul	0.00
73) Anthracene-d10	17.316	188	1398503	29.778	ng/ul	0.00
81) Pyrene-d10	19.551	212	1797934	24.395	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.522	264	2105999	32.345	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	57227	11.141	ng/uL	96
5) Pyridine	3.699	79	372010	29.362	ng/ul	97
6) Benzaldehyde	6.981	77	225677	27.289	ng/ul	97
8) Phenol	7.040	94	444317	28.286	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.269	93	361584	28.029	ng/ul	99
12) 2-Chlorophenol	7.405	128	357152	28.234	ng/ul	98
13) 2-Methylphenol	8.287	108	326914	27.184	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.369	45	417926	25.532	ng/ul	98
16) Acetophenone	8.669	105	538105	27.854	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.658	70	257105	24.192	ng/ul	99
18) 4-Methylphenol	8.616	108	356418	27.142	ng/ul	98
19) Hexachloroethane	8.916	117	154601	29.812	ng/ul	86
22) Nitrobenzene	9.046	77	407300	30.857	ng/ul	98
23) Isophorone	9.569	82	744179	27.651	ng/ul	98
25) 2-Nitrophenol	9.752	139	195396	32.422	ng/ul	95
26) 2,4-Dimethylphenol	9.816	107	295675	25.085	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.057	93	471613	27.757	ng/ul	98
29) 2,4-Dichlorophenol	10.287	162	356310	32.140	ng/ul	98
30) Naphthalene	10.687	128	1110671	30.015	ng/ul	100
32) 4-Chloroaniline	10.799	127	367825	25.657	ng/ul	100
33) Hexachlorobutadiene	10.969	225	283455	38.178	ng/ul	99
34) Caprolactam	11.581	113	111313	32.746	ng/ul	91
35) 4-Chloro-3-methylphenol	11.928	107	370979	29.871	ng/ul	99
36) 2-Methylnaphthalene	12.299	142	762116	29.072	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	755734	28.546	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.663	216	498669	35.572	ng/ul	99
40) Hexachlorocyclopentadiene	12.640	237	248499	29.906	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	302115	33.501	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	334306	34.194	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	1030999	30.852	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	840268	31.837	ng/ul	99
45) 2-Nitroaniline	13.557	65	226753	31.692	ng/ul	99
47) Dimethylphthalate	13.934	163	1092748	32.191	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	223178	34.799	ng/ul	92
50) Acenaphthylene	14.193	152	1324257	31.018	ng/ul	100
51) 3-Nitroaniline	14.381	138	211486	33.034	ng/ul	100
52) Acenaphthene	14.534	153	881360	31.222	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	116984	34.417	ng/ul	92
55) 4-Nitrophenol	14.693	109	172735	40.390	ng/ul	84
56) Dibenzofuran	14.869	168	1258351	32.073	ng/ul	99
57) 2,4-Dinitrotoluene	14.840	165	321636	35.652	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.093	232	286987	34.994	ng/ul	96
59) Diethylphthalate	15.298	149	1076646	32.412	ng/ul	100
61) Fluorene	15.516	166	1015962	32.726	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	558788	34.320	ng/ul	97
63) 4-Nitroaniline	15.545	138	221902	36.383	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.598	198	196605	34.331	ng/ul	94
67) N-Nitrosodiphenylamine	15.734	169	881702	29.785	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	380075	33.701	ng/ul	95
69) Hexachlorobenzene	16.516	284	451154	35.830	ng/ul	98
70) Atrazine	16.687	200	244617	27.795	ng/ul	98
71) Pentachlorophenol	16.869	266	262452	35.047	ng/ul	99
72) Phenanthrene	17.263	178	1706231	31.625	ng/ul	100
74) Anthracene	17.351	178	1678693	31.041	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	503758	32.613	ng/uL	99
76) Pentachlorobenzene	14.787	250	515213	33.956	ng/uL	98
77) Carbazole	17.628	167	1536910	35.658	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1859078	32.392	ng/ul	100
80) Fluoranthene	19.228	202	2179469	25.018	ng/ul#	94
82) Pyrene	19.581	202	2220766	25.269	ng/ul#	92
83) Butylbenzylphthalate	20.463	149	862402	26.804	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.227	252	797741	34.672	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2440636	31.758	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.222	149	1277660	28.892	ng/ul#	99
87) Chrysene	21.345	228	2277910	32.187	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2277413	27.933	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2692279	32.699	ng/ul#	97
91) Benzo(k)fluoranthene	22.998	252	2563512	32.179	ng/ul#	98
93) Benzo(a)pyrene	23.569	252	2506884	33.322	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.133	276	3261091	36.280	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.151	278	2709280	36.233	ng/ul#	96
96) Benzo(g,h,i)perylene	26.886	276	2623349	36.265	ng/ul#	93

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

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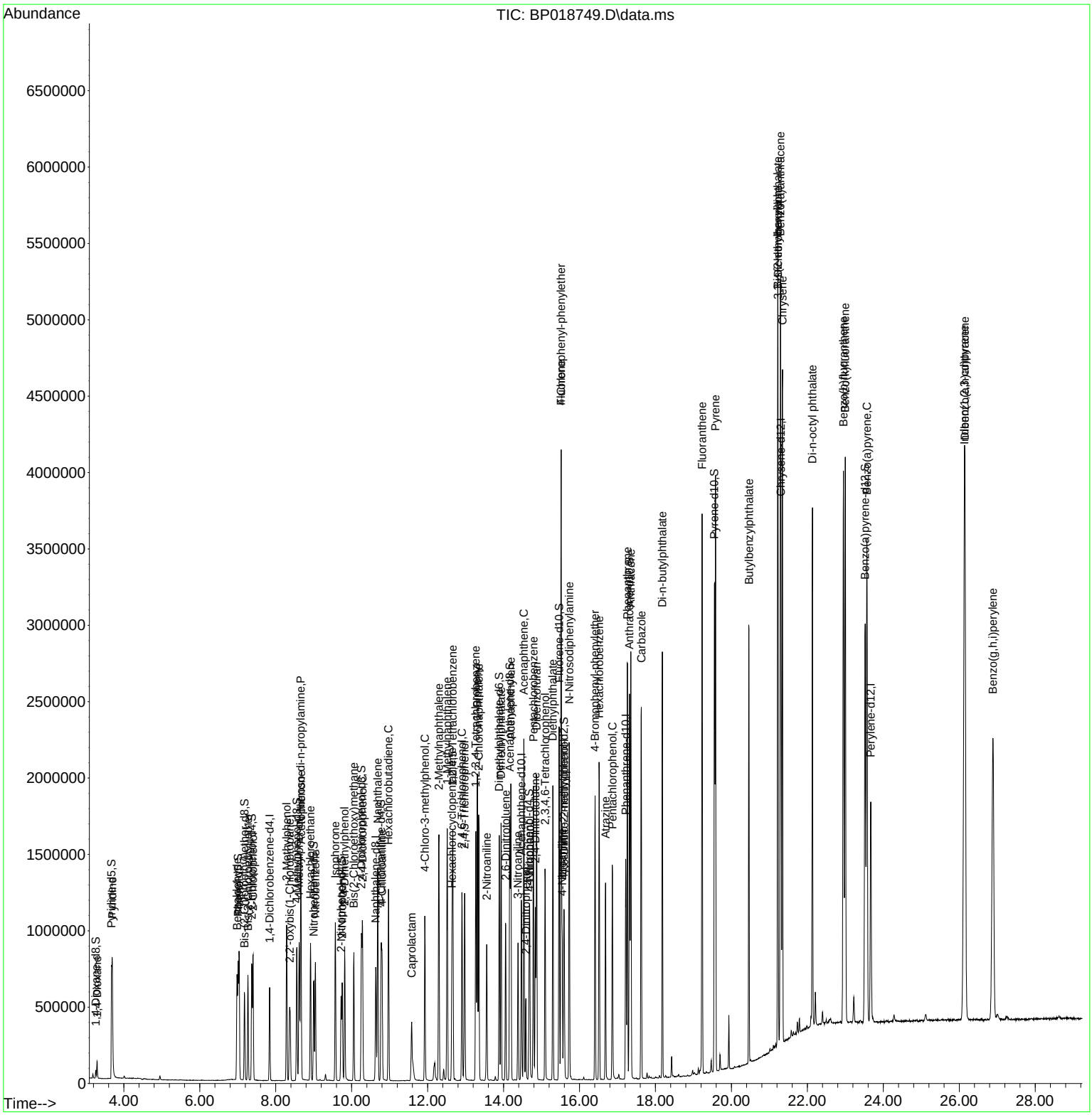
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