Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090519\
Data File : BM022529.D
Acq On : 05 Sep 2019 19:53
Operator : HP/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 20:26:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV52

Manual Integrations APPROVED
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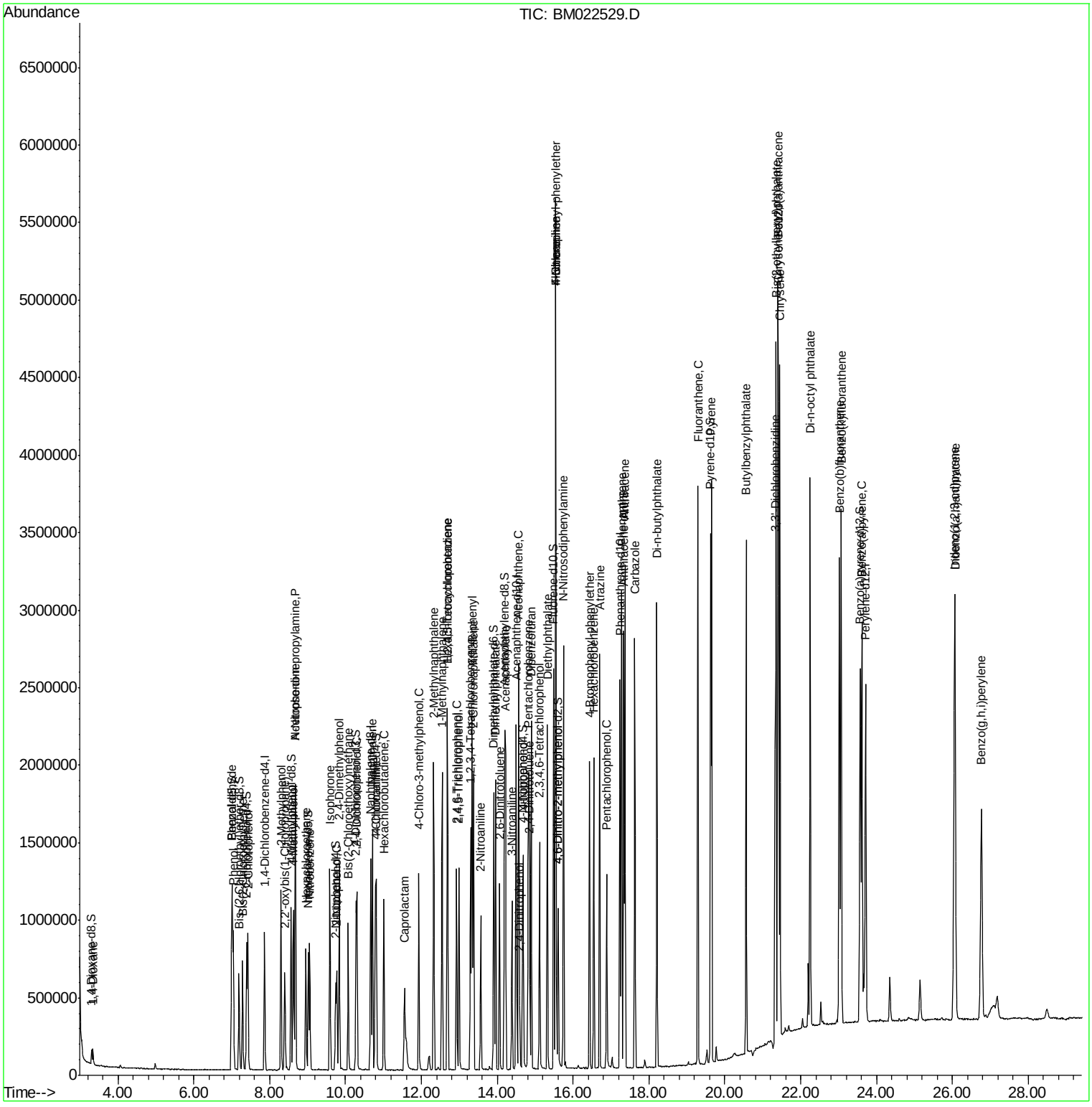

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	241149	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1103510	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.50	164	709144	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1443420	20.00	ng/ul	0.00
78) Chrysene-d12	21.42	240	1426684	20.00	ng/ul	0.00
86) Perylene-d12	23.71	264	1530755	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	46978	8.12	ng/uL	0.00
5) Phenol-d5	7.02	99	470886	21.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	276052	21.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	376259	21.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	388676	21.49	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	178716	22.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	172617	23.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	397715	21.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	548469	22.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.91	166	1199667	20.88	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	1533179	22.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	209712	21.37	ng/ul	0.00
58) Fluorene-d10	15.49	176	1003937	20.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	135369	20.63	ng/ul	0.00
71) Anthracene-d10	17.33	188	1567658	21.20	ng/ul	0.00
79) Pyrene-d10	19.62	212	1692164	21.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.57	264	1674991	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	49094	8.431	ng/uL	97
4) Benzaldehyde	7.00	77	310195	26.704	ng/ul	99
6) Phenol	7.05	94	476128	20.484	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.29	93	368413	20.869	ng/ul	99
10) 2-Chlorophenol	7.43	128	381730	20.670	ng/ul	99
11) 2-Methylphenol	8.30	108	375016	20.673	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.40	45	564285	21.734	ng/ul	100
14) Acetophenone	8.68	105	600870	21.292	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.67	70	322300	21.144	ng/ul	99
16) 4-Methylphenol	8.63	108	405489	20.702	ng/ul	100
17) Hexachloroethane	8.95	117	152022	20.779	ng/ul	98
20) Nitrobenzene	9.06	77	433107	21.744	ng/ul	98
21) Isophorone	9.59	82	909527	20.377	ng/ul	100
23) 2-Nitrophenol	9.77	139	198763	22.811	ng/ul	99
24) 2,4-Dimethylphenol	9.83	107	450092	20.603	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.07	93	538357	20.571	ng/ul	100
27) 2,4-Dichlorophenol	10.30	162	375341	20.396	ng/ul	99
28) Naphthalene	10.71	128	1254337	20.502	ng/ul	99
30) 4-Chloroaniline	10.81	127	542770	21.460	ng/ul	98
31) Hexachlorobutadiene	11.01	225	225265	19.870	ng/ul	100
32) Caprolactam	11.56	113	172301m	25.153	ng/ul	
33) 4-Chloro-3-methylphenol	11.93	107	420311	20.698	ng/ul	99
34) 2-Methylnaphthalene	12.32	142	942000	20.437	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.55	142	917168	20.826 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.69	216	456810	19.964 ng/ul	99
38) Hexachlorocyclopentadiene	12.68	237	275717	19.547 ng/ul	98
39) 2,4,6-Trichlorophenol	12.93	196	296192	20.679 ng/ul	99
40) 2,4,5-Trichlorophenol	12.99	196	317653	20.451 ng/ul	99
41) 1,1'-Biphenyl	13.33	154	1191343	20.175 ng/ul	99
42) 2-Chloronaphthalene	13.37	162	923410	20.654 ng/ul	99
43) 2-Nitroaniline	13.56	65	246688	23.633 ng/ul	100
45) Dimethylphthalate	13.96	163	1185511	20.325 ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	216051	22.750 ng/ul	99
48) Acenaphthylene	14.22	152	1410659	19.765 ng/ul	100
49) 3-Nitroaniline	14.39	138	237905	23.103 ng/ul	99
50) Acenaphthene	14.56	153	1001531	20.252 ng/ul	99
51) 2,4-Dinitrophenol	14.59	184	79537	18.258 ng/ul#	77
53) 4-Nitrophenol	14.69	109	167843	21.282 ng/ul	96
54) Dibenzofuran	14.90	168	1379262	20.096 ng/ul	98
55) 2,4-Dinitrotoluene	14.85	165	318686	22.909 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.12	232	269272	20.870 ng/ul	98
57) Diethylphthalate	15.32	149	1219789	20.212 ng/ul	99
59) Fluorene	15.55	166	1158085	20.510 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.54	204	565088	20.222 ng/ul	96
61) 4-Nitroaniline	15.55	138	263426	22.449 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.61	198	150990	19.889 ng/ul	99
65) N-Nitrosodiphenylamine	15.75	169	1011531	20.536 ng/ul	100
66) 4-Bromophenyl-phenylether	16.43	248	365035	20.241 ng/ul	99
67) Hexachlorobenzene	16.54	284	403376	20.297 ng/ul	100
68) Atrazine	16.70	200	455814	24.072 ng/ul	98
69) Pentachlorophenol	16.89	266	216962	19.786 ng/ul	98
70) Phenanthrene	17.28	178	1812317	20.506 ng/ul	100
72) Anthracene	17.37	178	1860834	20.497 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.30	216	453462	20.180 ng/uL	99
74) Pentachlorobenzene	14.82	250	477324	21.072 ng/uL	100
75) Carbazole	17.63	167	1713578	21.001 ng/ul	100
76) Di-n-butylphthalate	18.21	149	2143533	20.743 ng/ul	100
77) Fluoranthene	19.29	202	2158379	21.520 ng/ul	99
80) Pyrene	19.65	202	2165690	20.975 ng/ul	99
81) Butylbenzylphthalate	20.56	149	928187	21.322 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.33	252	800969	22.077 ng/ul	98
83) Benzo(a)anthracene	21.40	228	2173524	20.537 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.35	149	1386739	20.993 ng/ul	100
85) Chrysene	21.45	228	2002834	20.565 ng/ul	99
87) Di-n-octyl phthalate	22.25	149	2324713	21.214 ng/ul	100
88) Benzo(b)fluoranthene	23.02	252	2119074	21.042 ng/ul	99
89) Benzo(k)fluoranthene	23.07	252	2010136	20.540 ng/ul	100
91) Benzo(a)pyrene	23.62	252	1964658	20.446 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.05	276	2079247	18.731 ng/ul	100
93) Dibenzo(a,h)anthracene	26.07	278	1736855	18.802 ng/ul	99
94) Benzo(g,h,i)perylene	26.77	276	1681202	18.437 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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