Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022552.D
Acq On : 06 Sep 2019 14:40
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 06 16:27:46 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 :
SSTD02056

Manual Integrations APPROVED
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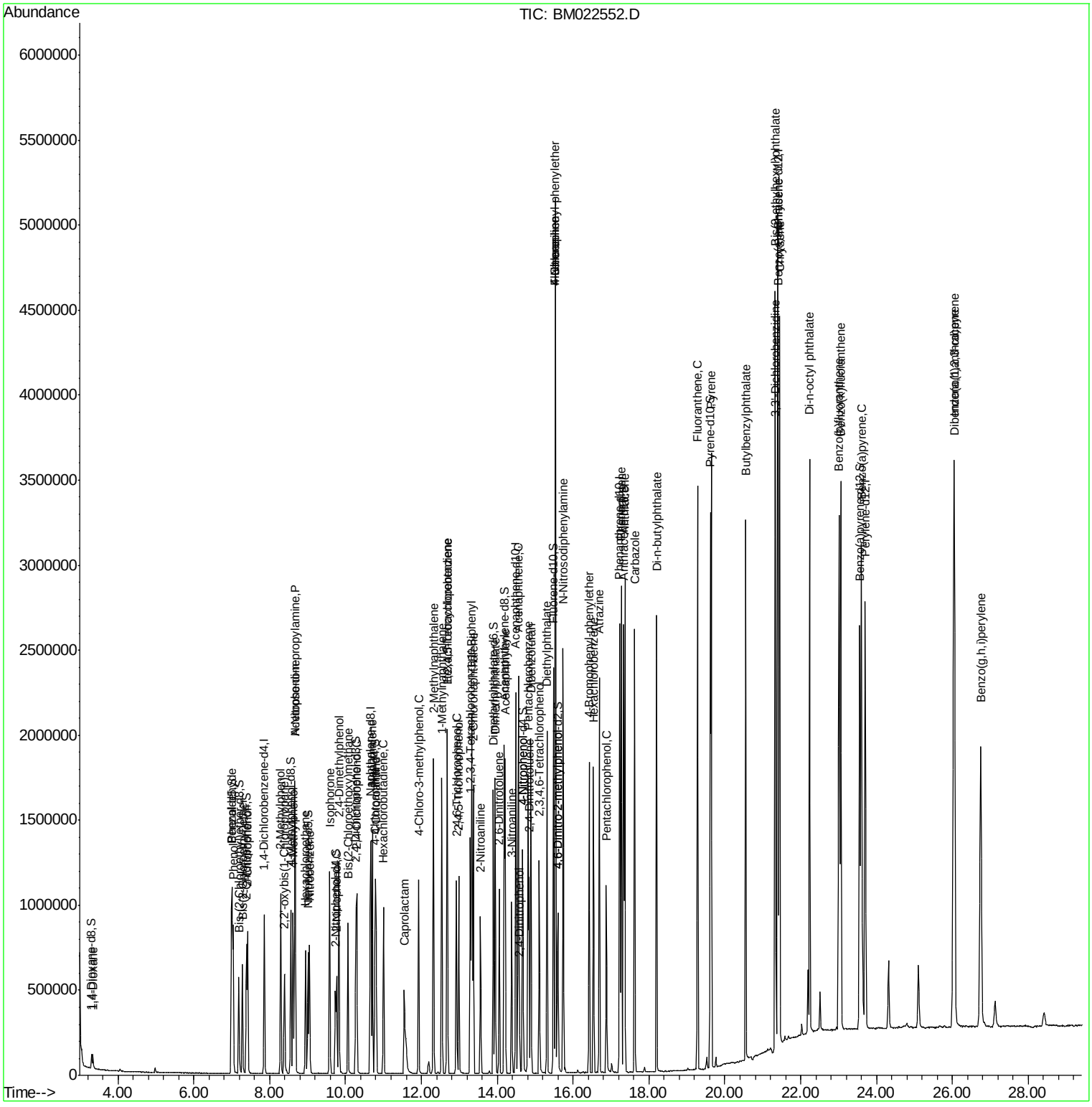

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	246451	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1123639	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	710446	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1471696	20.00	ng/ul	0.00
78) Chrysene-d12	21.41	240	1534363	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1780619	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	44218	7.48	ng/uL	0.00
5) Phenol-d5	7.01	99	427094	18.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	259077	19.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	334444	18.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	346526	18.75	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	156279	19.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	138354	18.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	338852	17.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	490846	19.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1058594	18.39	ng/ul	-0.01
47) Acenaphthylene-d8	14.19	160	1345783	19.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	190046	19.33	ng/ul	0.00
58) Fluorene-d10	15.48	176	887068	18.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	118242	17.68	ng/ul	0.00
71) Anthracene-d10	17.33	188	1406657	18.66	ng/ul	0.00
79) Pyrene-d10	19.62	212	1534547	18.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	1681351	17.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	43806	7.361	ng/uL	97
4) Benzaldehyde	6.99	77	293714	24.741	ng/ul	97
6) Phenol	7.04	94	437543	18.419	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.28	93	339740	18.831	ng/ul	98
10) 2-Chlorophenol	7.42	128	345227	18.291	ng/ul	98
11) 2-Methylphenol	8.29	108	336024	18.125	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.39	45	540480	20.369	ng/ul	98
14) Acetophenone	8.68	105	550248	19.079	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.66	70	293185	18.820	ng/ul	97
16) 4-Methylphenol	8.62	108	365999	18.284	ng/ul	96
17) Hexachloroethane	8.95	117	138982	18.588	ng/ul	94
20) Nitrobenzene	9.05	77	403331	19.886	ng/ul	99
21) Isophorone	9.58	82	811802	17.862	ng/ul	99
23) 2-Nitrophenol	9.76	139	165347	18.636	ng/ul	96
24) 2,4-Dimethylphenol	9.82	107	404759	18.196	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.06	93	487816	18.306	ng/ul	100
27) 2,4-Dichlorophenol	10.30	162	328151	17.513	ng/ul	99
28) Naphthalene	10.70	128	1139292	18.288	ng/ul	100
30) 4-Chloroaniline	10.80	127	491260	19.076	ng/ul	99
31) Hexachlorobutadiene	11.00	225	193636	16.774	ng/ul	98
32) Caprolactam	11.55	113	148331m	21.266	ng/ul	
33) 4-Chloro-3-methylphenol	11.93	107	373970	18.086	ng/ul	99
34) 2-Methylnaphthalene	12.32	142	836888	17.831	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	821834	18.327	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.69	216	395041	17.233	ng/ul	99
38) Hexachlorocyclopentadiene	12.67	237	224834	15.910	ng/ul	98
39) 2,4,6-Trichlorophenol	12.92	196	249083	17.358	ng/ul	99
40) 2,4,5-Trichlorophenol	12.99	196	275757	17.721	ng/ul	100
41) 1,1'-Biphenyl	13.33	154	1063092	17.970	ng/ul	99
42) 2-Chloronaphthalene	13.37	162	820706	18.323	ng/ul	99
43) 2-Nitroaniline	13.56	65	228370	21.838	ng/ul	97
45) Dimethylphthalate	13.95	163	1049968	17.968	ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	193374	20.325	ng/ul	100
48) Acenaphthylene	14.21	152	1260558	17.630	ng/ul	99
49) 3-Nitroaniline	14.38	138	217919	21.123	ng/ul#	98
50) Acenaphthene	14.56	153	907829	18.324	ng/ul	99
51) 2,4-Dinitrophenol	14.59	184	71117	16.295	ng/ul#	78
53) 4-Nitrophenol	14.68	109	157001	19.871	ng/ul	92
54) Dibenzofuran	14.89	168	1239648	18.029	ng/ul	99
55) 2,4-Dinitrotoluene	14.84	165	288227	20.682	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.11	232	221775	17.157	ng/ul	96
57) Diethylphthalate	15.32	149	1085503	17.954	ng/ul	100
59) Fluorene	15.54	166	1054411	18.639	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.53	204	503219	17.975	ng/ul	96
61) 4-Nitroaniline	15.54	138	245470	20.880	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.60	198	130661	16.880	ng/ul	97
65) N-Nitrosodiphenylamine	15.74	169	910588	18.132	ng/ul	99
66) 4-Bromophenyl-phenylether	16.42	248	314783	17.119	ng/ul	96
67) Hexachlorobenzene	16.54	284	355915	17.564	ng/ul	98
68) Atrazine	16.69	200	388384	20.117	ng/ul	99
69) Pentachlorophenol	16.87	266	179618	16.065	ng/ul	98
70) Phenanthrene	17.27	178	1650163	18.312	ng/ul	99
72) Anthracene	17.36	178	1691848	18.278	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	386270	16.859	ng/uL	98
74) Pentachlorobenzene	14.81	250	407342	17.637	ng/uL	99
75) Carbazole	17.62	167	1555201	18.693	ng/ul	99
76) Di-n-butylphthalate	18.20	149	1870954	17.757	ng/ul	99
77) Fluoranthene	19.28	202	1945777	19.027	ng/ul	97
80) Pyrene	19.64	202	1998091	17.994	ng/ul	98
81) Butylbenzylphthalate	20.55	149	813530	17.377	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.32	252	705743	18.087	ng/ul	99
83) Benzo(a)anthracene	21.39	228	2049632	18.007	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.34	149	1264333	17.797	ng/ul	99
85) Chrysene	21.44	228	1903841	18.177	ng/ul	100
87) Di-n-octyl phthalate	22.23	149	2088212	16.382	ng/ul	100
88) Benzo(b)fluoranthene	23.01	252	2083112	17.782	ng/ul	99
89) Benzo(k)fluoranthene	23.06	252	2045993	17.973	ng/ul	99
91) Benzo(a)pyrene	23.60	252	2014752	18.025	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.04	276	2451960	18.989	ng/ul	98
93) Dibenzo(a,h)anthracene	26.06	278	2045709	19.038	ng/ul	99
94) Benzo(g,h,i)perylene	26.75	276	1976702	18.636	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