Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081120\
Data File : BM027037.D
Acq On : 11 Aug 2020 19:54
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02014

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Quant Time: Aug 12 13:23:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 11:04:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	85425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	307715	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	200295	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	410351	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	473063	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	478111	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	18085	9.62	ng/uL	0.00
5) Phenol-d5	6.82	99	129634	19.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	91113	20.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	102703	19.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	97171	18.76	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	47460	19.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	46771	18.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	108520	20.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	121085	19.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	315330	19.74	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	380137	19.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	49170	18.24	ng/ul	0.00
58) Fluorene-d10	15.27	176	278974	20.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	43342	19.34	ng/ul	0.00
71) Anthracene-d10	17.12	188	401485	19.86	ng/ul	0.00
79) Pyrene-d10	19.42	212	482571	20.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	532495	19.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	19722	8.253	ng/uL	94
4) Benzaldehyde	6.79	77	98420	15.242	ng/ul	98
6) Phenol	6.85	94	141957	20.269	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	115039	19.900	ng/ul	98
10) 2-Chlorophenol	7.21	128	111056	20.283	ng/ul	97
11) 2-Methylphenol	8.09	108	100800	19.814	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	87332	19.831	ng/ul	96
14) Acetophenone	8.45	105	178423	20.500	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	101287	20.060	ng/ul	97
16) 4-Methylphenol	8.41	108	107350	19.636	ng/ul	97
17) Hexachloroethane	8.72	117	55374	20.219	ng/ul	96
20) Nitrobenzene	8.83	77	157295	19.754	ng/ul	97
21) Isophorone	9.36	82	246191	19.485	ng/ul	98
23) 2-Nitrophenol	9.53	139	56340	20.094	ng/ul	94
24) 2,4-Dimethylphenol	9.60	107	131824	20.613	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.84	93	143772	20.085	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	110470	20.683	ng/ul	100
28) Naphthalene	10.46	128	334704	19.569	ng/ul	99
30) 4-Chloroaniline	10.57	127	132943	21.372	ng/ul	97
31) Hexachlorobutadiene	10.76	225	91545	20.330	ng/ul	97
32) Caprolactam	11.33	113	26544m	17.878	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	107860	19.110	ng/ul	96
34) 2-Methylnaphthalene	12.08	142	244963	19.529	ng/ul	98

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35) 1-Methylnaphthalene	12.30	142	227321	18.409	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	155186	20.938	ng/ul	98
38) Hexachlorocyclopentadiene	12.45	237	104173	21.316	ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	89377	20.516	ng/ul	96
40) 2,4,5-Trichlorophenol	12.77	196	95864	20.676	ng/ul	93
41) 1,1'-Biphenyl	13.10	154	331637	20.261	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	268533	20.235	ng/ul	100
43) 2-Nitroaniline	13.34	65	76630	19.934	ng/ul	95
45) Dimethylphthalate	13.74	163	330730	19.759	ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	62021	19.460	ng/ul	98
48) Acenaphthylene	13.99	152	387924	20.048	ng/ul	99
49) 3-Nitroaniline	14.17	138	55544	19.611	ng/ul	99
50) Acenaphthene	14.34	153	274168	19.992	ng/ul	100
51) 2,4-Dinitrophenol	14.38	184	29294	17.687	ng/ul	93
53) 4-Nitrophenol	14.49	109	58007	20.205	ng/ul	96
54) Dibenzofuran	14.67	168	403289	20.550	ng/ul	96
55) 2,4-Dinitrotoluene	14.64	165	90999	19.661	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.90	232	83090	19.884	ng/ul	99
57) Diethylphthalate	15.12	149	334800	19.941	ng/ul	99
59) Fluorene	15.33	166	332803	20.264	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	177835	19.869	ng/ul	99
61) 4-Nitroaniline	15.34	138	62484	19.315	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.40	198	45636	18.399	ng/ul	98
65) N-Nitrosodiphenylamine	15.54	169	284083	23.107	ng/ul	98
66) 4-Bromophenyl-phenylether	16.22	248	110592	21.547	ng/ul	96
67) Hexachlorobenzene	16.33	284	126654	21.041	ng/ul	95
68) Atrazine	16.49	200	100137	20.088	ng/ul	97
69) Pentachlorophenol	16.67	266	66805	20.027	ng/ul	96
70) Phenanthrene	17.06	178	489550	19.900	ng/ul	99
72) Anthracene	17.15	178	478962	19.134	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	150137	23.393	ng/uL	96
74) Pentachlorobenzene	14.60	250	148509	22.184	ng/uL	99
75) Carbazole	17.42	167	456237	21.593	ng/ul	99
76) Di-n-butylphthalate	18.00	149	551027	21.283	ng/ul	99
77) Fluoranthene	19.08	202	613446	20.564	ng/ul	99
80) Pyrene	19.44	202	645528	20.104	ng/ul	99
81) Butylbenzylphthalate	20.37	149	230108	19.497	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.14	252	203733	19.085	ng/ul	100
83) Benzo(a)anthracene	21.20	228	648251	20.355	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	351362	19.706	ng/ul	99
85) Chrysene	21.25	228	629066	20.124	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	571096	17.853	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	669964	20.180	ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	662618	20.138	ng/ul	100
91) Benzo(a)pyrene	23.32	252	590096	19.530	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.61	276	768140	19.731	ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	648307	19.660	ng/ul	98
94) Benzo(g,h,i)perylene	26.28	276	629111	19.564	ng/ul	99

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

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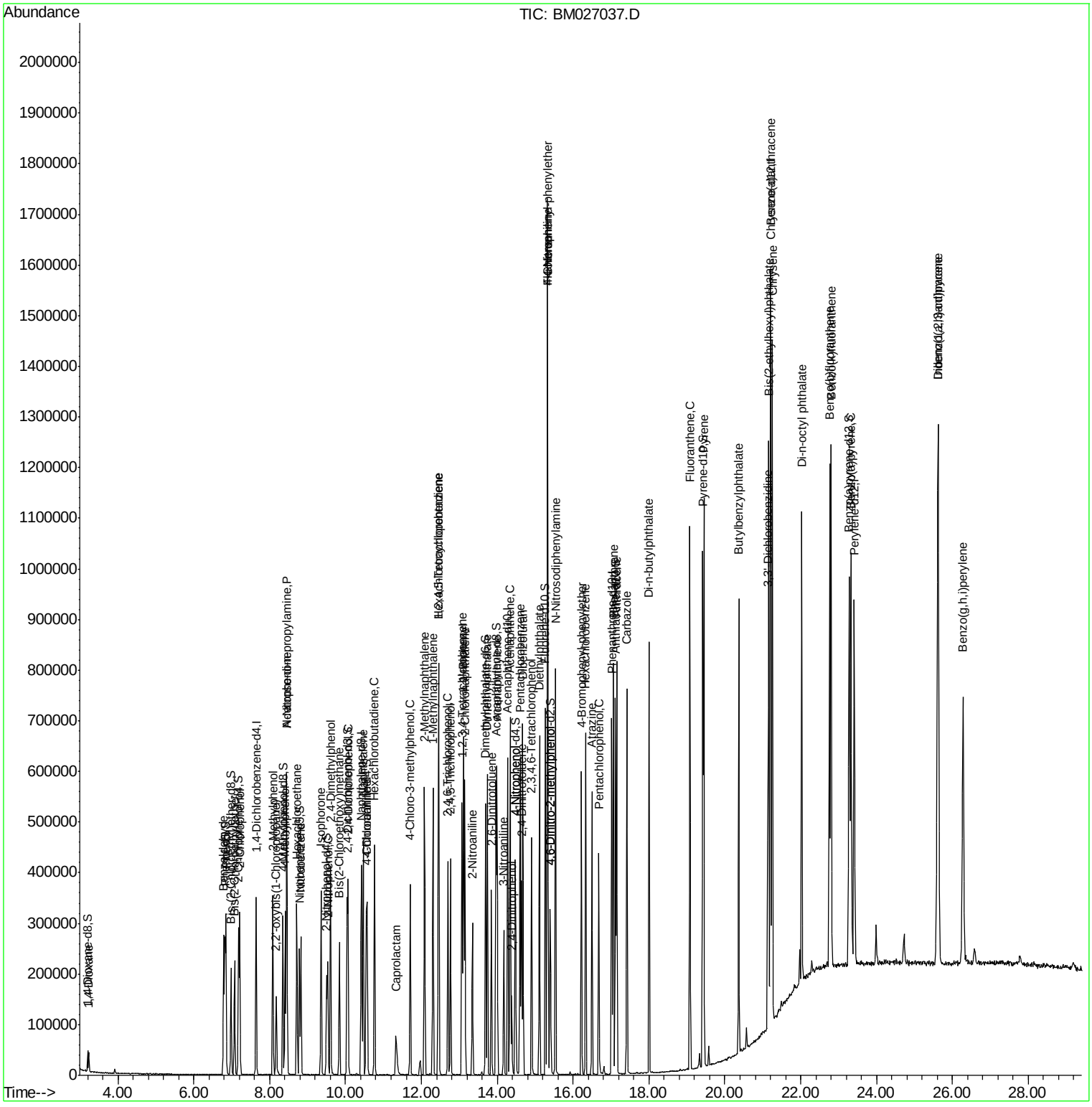
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